Total		
Injury	and	Violence

	Healt	h Risk Behavio	r and Percentag	es	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017	-		
QN8: Percent driven by som		who rarely or ne	ver wore a seat b	elt (when riding	in a car			
17.4	13.4	14.6	10.2	9.5	8.1	Decreased, 2007-2017	No quadratic change	No change
QN10: Percer alcohol (one o	ntage of students	who drove a ca	r or other vehicle before the surve s before the surve	when they had y, among studen ey)	been drinking ts who had			
QN10: Percer alcohol (one o	ntage of students	who drove a ca	r or other vehicle before the surve	when they had y, among studen	been drinking	Decreased, 2007-2017 No linear change	No quadratic change Not available [§]	No change No change
QN10: Percer alcohol (one o driven a car or QN12: Percer	ntage of students r more times dur to other vehicle de ntage of students	who drove a caring the 30 days uring the 30 days	r or other vehicle before the surve s before the surve 9.0	when they had y, among studen ey) 9.4	been drinking ts who had			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. *Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Total Injury and Violence Health Risk Behavior and Percentages Linear Change* **Quadratic Change*** Change from 2015-2017 † 2007 2009 2011 2013 2015 2017 QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) 7.0 6.5 5.7 4.8 4.5 3.5 Decreased, 2007-2017 No quadratic change No change QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey) 8.1 7.4 7.0 8.3 6.3 10.2 No linear change No change, 2007-2011 Increased No change, 2011-2017 QN16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) 11.2 9.3 10.4 9.1 7.5 7.9 Decreased, 2007-2017 No quadratic change No change QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey) 31.3 35.9 27.6 23.9 22.8 21.1 Decreased, 2007-2017 No quadratic change No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Total Injury and Violence

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
	ntage of students he 12 months be		physical fight on	school property	(one or more			
11.3	12.0	10.7	8.8	7.2	6.2	Decreased, 2007-2017	No quadratic change	No change
	ntage of students d not want to)	who were ever	physically force	d to have sexual	intercourse			
10.0	11.0	10.0	10.6	9.0	8.2	Decreased, 2007-2017	No quadratic change	No change
	ntage of students ey stopped doing							
32.5	34.9	33.6	36.4	34.2	36.4	No linear change	No quadratic change	No change
	ntage of students	s who seriously o	considered attem	pting suicide (ev	er during the			
QN26: Perce 12 months be	fore the survey)							

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Total Injury and Violence

					Change from 2015-2017 †		
2009	2011	2013	2015	2017	-		
		n about how they	y would attempt	suicide			
12.1	16.3	17.4	17.0	14.6	Increased, 2007-2017	Increased, 2007-2013 Decreased, 2013-2017	No change
	who attempted s	suicide (one or m	nore times during	g the 12			
9.5	10.3	10.6	9.6	11.3	No linear change	No quadratic change	No change
	of students vurvey) 9.5	of students who made a planths before the survey) 12.1 16.3 of students who attempted survey) 9.5 10.3	of students who made a plan about how the this before the survey) 12.1 16.3 17.4 of students who attempted suicide (one or nurvey) 9.5 10.3 10.6 of students who had a suicide attempt that reference the survey of the survey	of students who made a plan about how they would attempt this before the survey) 12.1 16.3 17.4 17.0 of students who attempted suicide (one or more times durin survey) 9.5 10.3 10.6 9.6 of students who had a suicide attempt that resulted in an inj	of students who made a plan about how they would attempt suicide this before the survey) 12.1 16.3 17.4 17.0 14.6 of students who attempted suicide (one or more times during the 12 survey)	of students who made a plan about how they would attempt suicide this before the survey) 12.1 16.3 17.4 17.0 14.6 Increased, 2007-2017 of students who attempted suicide (one or more times during the 12 turvey) 9.5 10.3 10.6 9.6 11.3 No linear change of students who had a suicide attempt that resulted in an injury,	of students who made a plan about how they would attempt suicide this before the survey) 12.1 16.3 17.4 17.0 14.6 Increased, 2007-2017 Increased, 2007-2013 Decreased, 2013-2017 of students who attempted suicide (one or more times during the 12 turvey) 9.5 10.3 10.6 9.6 11.3 No linear change No quadratic change of students who had a suicide attempt that resulted in an injury,

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Total Tobacco Use

Use	Healt	h Risk Behavio	r and Percentag	es	Linear Change*	Quadratic Change [*]	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
QN30: Percei	ntage of students	s who ever tried	cigarette smokin	g (even one or tv	wo puffs)			
54.8	53.6	46.5	43.9	37.0	29.9	Decreased, 2007-2017	No quadratic change	Decreased
QN32: Percei		s who currently s	moked cigarettes	s (on at least 1 d	ay during the			
22.2	19.7	17.4	14.1	10.1	7.1	Decreased, 2007-2017	Decreased, 2007-2013 Decreased, 2013-2017	No change
		dents who curred before the surve	ntly smoked ciga y)	rettes frequently	(on 20 or			
6.9	6.2	5.8	4.6	2.3	1.7	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change
	Percentage of s days before the		rently smoked ci	garettes daily (o	on all 30 days			
5.3	3.9	3.7	3.4	1.5	1.1	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Total	
Tobacco	Use

	Health	n Risk Behavio	r and Percentag	Linear Change*	Quadratic Change*	Change from 2015-2017 †				
2007	2009	2011	2013	2015	2017					
QN33: Percentage of students who smoked more than 10 cigarettes per day (on the days hey smoked during the 30 days before the survey, among students who currently smoked cigarettes)										
8.9	5.2	7.4	8.3	5.8	7.1	No linear change	No quadratic change	No change		
e-cigarettes, e-	-cigars, e-pipes,	vape pipes, vapi	an electronic vap ng pens, e-hooka s, eGo, and Halo	hs, and hookah						
e-cigarettes, e-	-cigars, e-pipes,	vape pipes, vapi	ng pens, e-hooka	hs, and hookah						
e-cigarettes, e- blu, NJOY, Vi QN35: Percer	cigars, e-pipes, vuse, MarkTen, Lo	vape pipes, vapi ogic, Vapin Plus who currently t	ng pens, e-hooka s, eGo, and Halo ased an electronic	shs, and hookah) 51.6 vapor product	pens [such as 51.0 (including	No linear change	Not available [§]	No change		
e-cigarettes, e- blu, NJOY, Vi QN35: Percer e-cigarettes, e-	cigars, e-pipes, use, MarkTen, Luntage of students-cigars, e-pipes, use, MarkTen, Luntage, MarkTen, Luntage, MarkTen, Luntage	wape pipes, vapi ogic, Vapin Plus who currently to wape pipes, vapi	ng pens, e-hooka s, eGo, and Halo	ths, and hookah 51.6 c vapor product ths, and hookah	pens [such as 51.0 (including pens [such as	No linear change	Not available [§]	No change		
e-cigarettes, e- blu, NJOY, Vi QN35: Percer e-cigarettes, e- blu, NJOY, Vi	cigars, e-pipes, use, MarkTen, Luntage of students-cigars, e-pipes, use, MarkTen, Luntage, MarkTen, Luntage, MarkTen, Luntage	wape pipes, vapi ogic, Vapin Plus who currently to wape pipes, vapi	ng pens, e-hooka s, eGo, and Halo ased an electronic ng pens, e-hooka	ths, and hookah 51.6 c vapor product ths, and hookah	pens [such as 51.0 (including pens [such as	No linear change Decreased, 2015-2017	Not available [§] Not available	No change Decreased		
e-cigarettes, e-blu, NJOY, Vu QN35: Percer e-cigarettes, e- blu, NJOY, Vu 30 days before	cigars, e-pipes, use, MarkTen, Lontage of students -cigars, e-pipes, use, MarkTen, Lot the survey)	who currently twape pipes, vaping Plus who currently twape pipes, vaping Plus who currently s	ng pens, e-hooka s, eGo, and Halo ased an electronic ng pens, e-hooka s, eGo, and Halo moked cigars (ci	ths, and hookah 51.6 e vapor product ths, and hookah l, on at least 1 d 27.5	51.0 (including pens [such as ay during the					

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. *Not enough years of data to calculate.

Total	
Tobacco	Use

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017	-		
	centage of studer days before the s		smoked cigaret	tes or cigars (on	at least 1 day			
J	26.5	24.4	20.1	15.3	9.5	Decreased, 2009-2017	Not available§	Decreased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. *Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Total Alcohol and Other Drug Use

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017				
QN41: Perce than a few sip	ntage of students	s who had their f	irst drink of alco	hol before age 1	3 years (other				
23.5	25.6	21.3	19.3	16.5	18.0	Decreased, 2007-2017	No quadratic change	No change	
QN42: Perce at least 1 day 45.6	ntage of students during the 30 da 44.5	s who currently d ys before the sur 43.8	drank alcohol (at vey) 36.0	least one drink	of alcohol, on	Decreased, 2007-2017	No quadratic change	No change	
45.0									
QN43: Perce	ntage of students	s who usually go	t the alcohol the	drank by some	eone giving it				
QN43: Perce	ntage of students	s who usually go fore the survey,	t the alcohol the among students 35.8	y drank by some who currently d 44.4	cone giving it trank alcohol) 38.8	No linear change	Not available [§]	No change	
QN43: Perce to them (durin	ntage of students gg the 30 days be ntage of students	efore the survey,	among students 35.8	who currently d 44.4	rank alcohol) 38.8	No linear change	Not available [§]	No change	
QN43: Perce to them (durin	ng the 30 days be	efore the survey,	among students 35.8	who currently d 44.4	rank alcohol) 38.8	No linear change Decreased, 2007-2017	Not available [§] No quadratic change	No change No change	
QN43: Perce to them (durin QN47: Perce 13.0	ntage of students 11.8 ntage of students	s who tried marij	among students 35.8 uana for the first 9.8	who currently d 44.4 time before age 10.0	arank alcohol) 38.8 e 13 years 7.4				

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Total Alcohol and Other Drug Use

ts who ever used one or more times 10.5 ts who ever used uring their life)	during their life 10.1		2017 cluding 5.6	Decreased, 2007-2017	No quadratic change	Decreased
ne or more times 10.5 ts who ever used	during their life 10.1	2)	C	Decreased, 2007-2017	No quadratic change	Decreased
ts who ever used		9.2	5.6	Decreased, 2007-2017	No quadratic change	Decreased
	haroin (also call					
4.0	4.7	2.9 ines (also called	1.9	Decreased, 2007-2017	No quadratic change	No change
5.2	4.7	3.8	2.3	Decreased, 2007-2017	No quadratic change	No change
n	nts who ever used one or more times 5.2	nts who ever used methamphetamone or more times during their life 5.2 4.7 nts who ever took steroids without	nts who ever used methamphetamines (also called one or more times during their life) 5.2 4.7 3.8 nts who ever took steroids without a doctor's prescri	nts who ever used methamphetamines (also called "speed," one or more times during their life) 5.2 4.7 3.8 2.3 nts who ever took steroids without a doctor's prescription (pills	nts who ever used methamphetamines (also called "speed," one or more times during their life) 5.2 4.7 3.8 2.3 Decreased, 2007-2017 Ints who ever took steroids without a doctor's prescription (pills	nts who ever used methamphetamines (also called "speed," one or more times during their life) 5.2 4.7 3.8 2.3 Decreased, 2007-2017 No quadratic change nts who ever took steroids without a doctor's prescription (pills

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

al ohol and Other Dru	O	h Risk Behavio	r and Percentas	Linear Change [*]	Quadratic Change [*]	Change from 2015-2017 †		
2007	2009	2011	2013	2015	2017	-		
	ntage of students			n an illegal drug	on school			
37.1	34.6	34.6	31.3	29.3	29.1	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Total Sexual Behaviors

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017	-		
QN59: Perce	ntage of students	who ever had so	exual intercourse	.	,			
46.1	48.6	46.9	45.4	39.4	34.0	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change
QN60: Perce years	ntage of students	who had sexual	intercourse for	the first time bef	Fore age 13			
5.7	5.5	5.4	5.2	3.2	2.7	Decreased, 2007-2017	No quadratic change	No change
QN61: Perce their life	ntage of students	who had sexual	intercourse with	n four or more po	ersons during			
15.4	14.1	14.2	10.9	10.6	8.1	Decreased, 2007-2017	No quadratic change	No change
	ntage of students				intercourse			
with at least o						Decreased, 2007-2017		

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Total **Sexual Behaviors**

	Healt	h Risk Behavioi	and Percentag	es	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
	ntage of students mong students w				ual			
27.6	22.4	22.4	20.6	23.5	18.2	No linear change	No quadratic change	No change
	ntage of students were currently se		dom during last	sexual intercour	se (among			
55.5	59.7	59.2	55.1	55.1	52.6	No linear change	No quadratic change	No change
	ntage of students				tercourse (to			
13.9	16.7	22.6	17.5	20.7	19.6	Increased, 2007-2017	No quadratic change	No change
QNIUDIMP:	Percentage of st			s Mirena or Para ercourse (to prev				

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
as OrthoEvra	: Percentage of s), or birth control	I ring (such as N	IuvaRing) before	last sexual inter				
as OrthoEvra		I ring (such as N	IuvaRing) before	last sexual inter		No linear change	Not available [§]	No change
as OrthoEvra, prevent pregn QNOTHHPL or ParaGard) patch (such as), or birth control	I ring (such as N dents who were students who us as Implanon or birth control rin	(uvaRing) before currently sexual 5.4 ed birth control p Nexplanon); or a g (such as Nuval	last sexual interly active)) 2.4 bills; an IUD (sua shot (such as ERing) before last	ch as Mirena Depo-Provera),	No linear change	Not available [§]	No change

11.1

No linear change

intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy,

7.6

7.4

among students who were currently sexually active)

Not available

No change

 $^{^*}Based$ on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

[†]Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

Fotal Sexual Behaviors	Healt	th Risk Behavio	or and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QNBCNONE during last se	: Percentage of xual intercourse	students who di (among students	d not use any me s who were curre	ethod to prevent ently sexually ac	pregnancy tive)			
18.3	15.5	14.7	17.5	14.6	16.9	No linear change	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

QNOWT: Percenta	2009	2011			Health Risk Behavior and Percentages								
			2013	2015	2017								
percentile for body CDC growth charts	mass index												
14.0	14.3	13.9	12.7	14.7	15.9	No linear change	No quadratic change	No change					
QNOBESE: Perceindex, based on sex													
11.6	12.8	10.9	10.7	10.9	12.3	No linear change	No quadratic change	No change					
QN68: Percentage	of students	who described	themselves as sl	ightly or very ov	erweight								
28.8	30.1	29.4	26.6	30.4	31.9	No linear change	No quadratic change	No change					
QN69: Percentage	of students	who were tryin	g to lose weight										
		46.6	46.5	48.5	47.1	No linear change	Not available¶	No change					

 † Based on t-test analysis, p < 0.05.

 $^{^*}Based$ on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

Soverweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN71: Perce	entage of students evey)	s who did not ea	fruit (one or me	ore times during	the 7 days			
				10.9	14.3	Increased, 2015-2017	Not available§	Increased
QNFR0: Per orange juice,	centage of studer apple juice, or gr	nts who did not e	eat fruit or drink g the 7 days befo	100% fruit juice ore the survey)	s (such as			
				6.7	8.3	No linear change	Not available	No change
per day (such	centage of studer as orange juice,							
						Decreased, 2015-2017	Not available	Decreased
per day (such survey) QNFR2: Per		apple juice, or g	rape juice, durir	60.5	55.0	Decreased, 2015-2017	Not available	Decreased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. *Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QNFR3: Per per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% frape juice, durin	fruit juices three ag the 7 days before	or more times ore the			
				18.5	14.4	Decreased, 2015-2017	Not available§	Decreased
QN72: Perce	entage of students ne survey)	s who did not ea	t green salad (on	e or more times	during the 7			
				39.2	40.5	No linear change	Not available	No change
QN73: Perce	entage of students	s who did not ea	t potatoes (one o	or more times du	ring the 7 days			
				36.4	35.7	No linear change	Not available	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

runugement (and Dietary Beh Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	entage of students fore the survey)	s who did not ea	t other vegetable	es (one or more t	imes during			
				18.6	18.9	No linear change	Not available§	No change
	rench fries, fried fore the survey)	potatoes, or pota	по спірѕ], саггої	s, or other vegeta	6.9	No linear change	Not available	No change
salad, potatoe	ercentage of studes [excluding Freuring the 7 days]	nch fries, fried p	otatoes, or potat	nore times per deco chips], carrots	ay (green , or other			
				59.1	56.4	No linear change	Not available	No change
salad, potatoe	ercentage of studes [excluding Freuring the 7 days]	nch fries, fried p	otatoes, or potat	more times per d	ay (green , or other			
			, ,	26.4	22.4	No linear change	Not available	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	Healt	th Risk Behavio	r and Percentag	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
salad, potatoe		nch fries, fried p	getables three or outatoes, or potat y)					
-				14.7	12.3	No linear change	Not available§	No change
			ink a can, bottle, la or diet pop, di					
as Coke, Peps survey)	si, or Sprite, not	counting diet so	la or diet pop, du	iring the 7 days	pefore the	Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 20.5	si, or Sprite, not of 20.4	counting diet soo	da or diet pop, du	27.8	29.0	Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 20.5 QNSODA1: more times pe	20.4 Percentage of str	24.2 udents who dran	la or diet pop, du	27.8 r glass of soda o	29.0 r pop one or	Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 20.5 QNSODA1: more times pe	20.4 Percentage of ster day (such as C	24.2 udents who dran	27.8 k a can, bottle, o	27.8 r glass of soda o	29.0 r pop one or	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change
as Coke, Peps survey) 20.5 QNSODA1: more times pe the 7 days bef 29.5 QNSODA2: more times pe	20.4 Percentage of ster day (such as Core the survey) 28.1 Percentage of str	24.2 udents who dran Coke, Pepsi, or S 24.1 udents who dran	27.8 k a can, bottle, oprite, not countir	27.8 r glass of soda or did 19.5 r glass of soda or did 19.5	29.0 r pop one or et pop, during 17.3 r pop two or			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017				
more times pe	Percentage of stuer day (such as Core the survey)								
10.1	10.9	8.3	5.9	5.4	4.0	Decreased, 2007-2017	No quadratic change	No change	
ON78: Perce	ntage of students	who did not ea	t breakfast (durin	ng the 7 days be	fore the				
survey)									

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Total Physical Activity

	Healt	h Risk Behavio	and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
or more days	ntage of students (in any kind of p some of the time	hysical activity t	hat increased the	eir heart rate and				
		47.4	41.9	46.4	46.3	No linear change	Not available§	No change
rate and made	ity on at least 1 of them breathe ha	ard some of the ti	me during the 7	days before the 15.9	survey) 16.7	No linear change	Not available	No change
on all 7 days (: Percentage of s (in any kind of pl some of the time	hysical activity t	hat increased the	ir heart rate and				
		25.0	21.7	26.0	24.5	No linear change	Not available	No change
QN80: Perceaverage school	ntage of students ol day)	who watched te	levision 3 or mo	re hours per day	(on an			
28.2	33.3	28.6	27.1	24.7	19.4	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	Decreased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Health		and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2009	2011			Linear Change*	Quadratic Change*		
	2011	2013	2015	2017			
(counting ti	me spent on thi ng, YouTube, I	ngs such as Xbo nstagram, Faceb	ox, PlayStation, a	an iPad or			
22.1	27.7	36.9	40.5	38.9	Increased, 2007-2017	No quadratic change	No change
			n (PE) classes or	ı 1 or more			
42.9	41.7	39.9	40.9	46.4	No linear change	No quadratic change	No change
			cation (PE) class	ses on all 5			
32.6	29.6	23.0	26.3	36.5	No linear change	No quadratic change	No change
r	y (counting ti rtphone, texti was not scho 22.1 e of students e week when 42.9	y (counting time spent on thirtphone, texting, YouTube, I was not school work, on an 22.1 27.7 e of students who attended ple week when they were in school work, and a 22.1 27.7 entage of students who attended ple week when they were in school work, on an 22.1 27.7 entage of students who attended ple week when they were in school work and a school w	y (counting time spent on things such as Xbortphone, texting, YouTube, Instagram, Faceb was not school work, on an average school of 22.1 27.7 36.9 e of students who attended physical education week when they were in school) 42.9 41.7 39.9 entage of students who attended physical education week when they were in school)	y (counting time spent on things such as Xbox, PlayStation, a rtphone, texting, YouTube, Instagram, Facebook, or other soc was not school work, on an average school day) 22.1 27.7 36.9 40.5 e of students who attended physical education (PE) classes or e week when they were in school) 42.9 41.7 39.9 40.9 entage of students who attended physical education (PE) classes week when they were in school)	22.1 27.7 36.9 40.5 38.9 e of students who attended physical education (PE) classes on 1 or more e week when they were in school) 42.9 41.7 39.9 40.9 46.4 entage of students who attended physical education (PE) classes on all 5 e week when they were in school)	y (counting time spent on things such as Xbox, PlayStation, an iPad or retphone, texting, YouTube, Instagram, Facebook, or other social media, was not school work, on an average school day) 22.1 27.7 36.9 40.5 38.9 Increased, 2007-2017 e of students who attended physical education (PE) classes on 1 or more e week when they were in school) 42.9 41.7 39.9 40.9 46.4 No linear change entage of students who attended physical education (PE) classes on all 5 e week when they were in school)	y (counting time spent on things such as Xbox, PlayStation, an iPad or retphone, texting, YouTube, Instagram, Facebook, or other social media, was not school work, on an average school day) 22.1 27.7 36.9 40.5 38.9 Increased, 2007-2017 No quadratic change e of students who attended physical education (PE) classes on 1 or more e week when they were in school) 42.9 41.7 39.9 40.9 46.4 No linear change No quadratic change entage of students who attended physical education (PE) classes on all 5 e week when they were in school)

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Total Other

	Healt	h Risk Behavio	and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	•		
	ntage of students months before t	who described the survey)	heir grades in so	hool as mostly	A's or B's			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

ed	Healt	h Risk Behavio	and Percentag	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	•		
	ntage of students days before the s	s who carried a g survey)	un on school pro	operty (on at leas	st 1 day			
2.5	2.0	2.5	2.1	1.3	2.0	No linear change	No quadratic change	No change
QN91: Percer	ntage of students	s who most of the	e time or always	feel safe and sec	cure at school			
73.5	77.6	77.1	75.8	78.2	75.7	No linear change	No quadratic change	No change
		s who were ever luring the 12 mor			n purpose by			
12.2	11.8	11.4	10.1	8.9	9.6	Decreased, 2007-2017	No quadratic change	No change
wanting to die	ntage of students (such as cutting before the surve	s who did someth g or burning them ey)	ning to purposely	hurt themselves se one or more t	s without imes during			
	19.8	19.7	22.6	19.4	21.3	No linear change	Not available§	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017	•		
	ntage of students at least 1 day du				was smoking			
	48.1	45.5	39.6	37.4	32.1	Decreased, 2009-2017	Not available§	No change
	ntage of students hey live as never	allowed inside	their home					
				noking cigarettes	inside the 92.6	Increased, 2009-2017	Not available	No change
N98: Perce	hey live as never	85.2 s who currently u	their home 87.3 used a waterpipe	91.3 to smoke tobacc	92.6 o (also called	Increased, 2009-2017	Not available	No change
Nome where t	hey live as never 86.2 ntage of students	85.2 s who currently u	their home 87.3 used a waterpipe	91.3 to smoke tobacc	92.6 o (also called	Increased, 2009-2017 Decreased, 2009-2017	Not available Not available	No change Decreased
QN98: Perce a hookah, shis	86.2 ntage of students	s who currently to at least 1 day 17.9	their home 87.3 used a waterpipe during the 30 day 22.7 had at least one	91.3 to smoke tobaccys before the sur 17.4 drink of alcohol	92.6 o (also called vey) 7.1	<u> </u>		

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	entage of studen days before the		ijuana on school	property (one or	r more times			
6.1	6.4	5.6	6.5	7.2	5.8	No linear change	No quadratic change	No change
	entage of studen base, one or more				ling powder,			
					ding powder, 3.5	Decreased, 2007-2017	No quadratic change	No change
crack, or free 6.6 QN103: Perc spray cans, or	base, one or more 4.8 entage of studen inhaled any pair	4.5 ts who currently	sniffed glue, bre	e the survey) 4.5 eathed the conter	3.5	Decreased, 2007-2017	No quadratic change	No change
crack, or free 6.6 QN103: Perc	base, one or more 4.8 entage of studen inhaled any pair	4.5 ts who currently	sniffed glue, bre	e the survey) 4.5 eathed the conter	3.5	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change No change
QN103: Perc spray cans, or before the sur 5.8	4.8 entage of studen inhaled any pair vey)	ts who currently that or sprays to g	sniffed glue, broget high (one or rused methamph	e the survey) 4.5 eathed the contermore times durin 3.2 etamines (also ca	3.5 ats of aerosol g the 30 days 3.8 alled "speed,"	, , , , , , , , , , , , , , , , , , ,		

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavioi	and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	entage of student uring the 30 days			so called "MDM	[A," one or			
	6.4	7.5	6.9	4.4	2.9	Decreased, 2009-2017	Not available§	No change
	entage of student during the 30 da 8.8			ounter drugs to g	et high (one 5.7	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
							<u> </u>	
illegal drugs (entage of student such as marijuan							
illegal drugs (Decreased, 2007-2017	No quadratic change	No change
illegal drugs (the survey) 20.4 QN108: Perc	20.7 entage of student es the first time t	20.7	19.5 heir partners we	16.4 re three or more	15.3 years older	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
	entage of studen em about what tl							
66.4	67.5	70.2	68.4	65.4	65.5	No linear change	No quadratic change	No change
	entage of studen y from a health to	eacher, school nu	ırse, counselor, o	or some other ad	lult at school	No linear change	Not available [§]	No change
sexual activit	y from a health to	eacher, school nu	14.0	or some other ad	lult at school 11.9	No linear change	Not available [§]	No change
sexual activity	y from a health to	14.1 ts who went witl	14.0	or some other ad 14.8 4 hours or more	to lose weight	No linear change	Not available [§]	No change
sexual activity	y from a health to	14.1 ts who went witl	14.0	or some other ad 14.8 4 hours or more	to lose weight	No linear change	Not available [§] No quadratic change	No change
QN111: Percor to keep fro 13.9 QN112: Perc	y from a health to 13.6 entage of studen m gaining weigh	ts who went with t (also called fas 14.4	14.0 nout eating for 2-ting, during the 15.6 e diet pills, power	14.8 4 hours or more 30 days before to 15.2 ders, or liquids versions and the second	to lose weight he survey) 14.4 without a			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
		ts who vomited the 30 days before		to lose weight of	or to keep			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male Injury

d Violence	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	•		
QN8: Percent driven by som		who rarely or ne	ver wore a seat b	oelt (when riding	g in a car			
20.1								
QN10: Percer alcohol (one o	r more times du	ring the 30 days		e when they had y, among studen ey)		Decreased, 2007-2017	No quadratic change	No change
QN10: Percer alcohol (one o driven a car or	ntage of students or more times du or other vehicle d	s who drove a ca ring the 30 days uring the 30 day	r or other vehicle before the surve s before the surv 10.8	e when they had y, among studen ey) 10.9	been drinking ats who had	Decreased, 2007-2017 Decreased, 2013-2017	No quadratic change Not available [§]	No change Decreased
QN10: Percer alcohol (one o driven a car or QN12: Percer	ntage of students or more times du r other vehicle d	s who drove a ca ring the 30 days uring the 30 day	r or other vehicle before the surve s before the surv 10.8	e when they had y, among studen ey)	been drinking ats who had			
QN10: Percer alcohol (one o driven a car or QN12: Percer	ntage of students or more times du r other vehicle d	s who drove a caring the 30 days uring the 30 day	r or other vehicle before the surve s before the surv 10.8	e when they had y, among studen ey) 10.9	been drinking ats who had			
QN10: Percer alcohol (one o driven a car or QN12: Percer least 1 day dur 29.4 QN13: Percer	ntage of students or more times du rother vehicle de ntage of students ring the 30 days 29.5	s who drove a caring the 30 days uring the 30 days who carried a way before the survey 26.9	r or other vehicle before the surve s before the surve 10.8 veapon (such as a y)	e when they had y, among studen ey) 10.9 a gun, knife, or o 25.5	been drinking nts who had 6.7 Club, on at 21.6	Decreased, 2013-2017	Not available [§]	Decreased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Health Risk Behavior and Percentages

Linear Change*

2007 2009 2011 2013 2015 2017

QN15: Percentage of students who did not go to school because they felt unsafe at school or

Male

8.4	6.8	7.1	8.3	5.6	7.6	No linear change	No quadratic change	No change
	ntage of students a as a gun, knife,							
13.5	12.6	13.1	9.9	9.5	8.7	Decreased, 2007-2017	No quadratic change	No change
QN17: Percent months before 36.0	ntage of students the survey) 43.6	who were in a p	hysical fight (on 30.4	e or more times	during the 12 28.4	Decreased, 2007-2017	No quadratic change	No change
30.0	43.0	30.4	30.4	20.7	20.4	Decreased, 2007-2017	No quadratic change	No change
	ntage of students he 12 months be		hysical fight on	school property	(one or more			
14.8	16.4	14.7	10.7	9.4	7.9	Decreased, 2007-2017	No change, 2007-2011	No change

Change from 2015-2017 †

Quadratic Change*

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male Injury and Violence

d Violence	Healt	h Risk Behavio	r and Percentag	es	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
	ntage of students d not want to)	who were ever	physically forced	l to have sexual	intercourse			
6.9	7.5	7.1	7.1	6.0	4.5	Decreased, 2007-2017	No quadratic change	No change
			hopeless (almost vities, ever durin					
24.4	28.9	28.5	28.4	24.6	26.3	No linear change	No quadratic change	No change
	ntage of students fore the survey)	who seriously c	onsidered attemp	oting suicide (ev	er during the			
12.2	13.3	15.5	14.4	13.2	14.0	No linear change	No quadratic change	No change
	ntage of students months before t		in about how the	y would attempt	suicide			
11.4	9.3	14.9	15.3	12.3	10.7	No linear change	Increased, 2007-2013	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

				Linear Change*		Change from 2015-2017 †	
2009	2011	2013	2015	2017			
of students survey)	who attempted	suicide (one or	more times durir	ng the 12			
7.6	9.0	8.1	6.2	10.0	No linear change	No quadratic change	No change
	of students urvey) 7.6	of students who attempted urvey) 7.6 9.0	of students who attempted suicide (one or survey) 7.6 9.0 8.1	of students who attempted suicide (one or more times durir urvey)	of students who attempted suicide (one or more times during the 12 urvey) 7.6 9.0 8.1 6.2 10.0	of students who attempted suicide (one or more times during the 12 urvey) 7.6 9.0 8.1 6.2 10.0 No linear change	of students who attempted suicide (one or more times during the 12 urvey) 7.6 9.0 8.1 6.2 10.0 No linear change No quadratic change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male Tobacco Use

Use	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017	•		
QN30: Percei	ntage of students	who ever tried o	cigarette smokin	g (even one or tv	wo puffs)			
56.5	56.2	47.2	47.9	36.8	32.0	Decreased, 2007-2017	No quadratic change	No change
QN32: Percei	ntage of students e the survey)	who currently s	moked cigarettes	s (on at least 1 d	ay during the			
22.9	21.8	20.0	16.4	9.9	7.5	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
	Percentage of studing the 30 days			rettes frequently	(on 20 or			
7.6	7.8	7.5	5.0	2.3	2.1	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
	Percentage of s days before the s		rently smoked ci	garettes daily (o	n all 30 days			
6.4	5.1	5.0	3.7	1.5	1.3	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male **Tobacco Use**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
e-cigarettes, e	ntage of students e-cigars, e-pipes, use, MarkTen, L	vape pipes, vap	ng pens, e-hook	ahs, and hookah				
				53.7	52.5	No linear change	Not available§	No change
e-cigarettes, e blu, NJOY, V	ntage of students e-cigars, e-pipes, (use, MarkTen, L	vape pipes, vap	ing pens, e-hook	c vapor product	pens [such as			
e-cigarettes, e	e-cigars, e-pipes, 'use, MarkTen, L	vape pipes, vap	ing pens, e-hook	c vapor product	pens [such as	Decreased, 2015-2017	Not available	Decreased
e-cigarettes, e blu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, 'use, MarkTen, L	vape pipes, vap ogic, Vapin Plu	ing pens, e-hooki s, eGo, and Halo smoked cigars (c	c vapor product ahs, and hookah], on at least 1 d	pens [such as ay during the		Not available	Decreased
e-cigarettes, e blu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, Yuse, MarkTen, L te the survey)	vape pipes, vap ogic, Vapin Plu	ing pens, e-hooki s, eGo, and Halo smoked cigars (c	c vapor product ahs, and hookah], on at least 1 d	pens [such as ay during the		Not available Not available	Decreased
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce cigars, on at le	e-cigars, e-pipes, yuse, MarkTen, L e the survey) ntage of students east 1 day during	vape pipes, vap. ogic, Vapin Plu s who currently s the 30 days bef 21.1	ang pens, e-hooks, eGo, and Halo smoked cigars (core the survey)	c vapor product ahs, and hookah], on at least 1 d 29.4 igars, cigarillos,	pens [such as ay during the 18.9 or little 7.1	Decreased, 2015-2017		

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. *Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male **Alcohol and Other Drug Use**

	Healt	h Risk Behavio	r and Percentag	Linear Change*	Quadratic Change*	Change from 2015-2017 †		
2007	2009	2011	2013	2015	2017			
QN41: Percei than a few sip		who had their f	irst drink of alco	hol before age 1	3 years (other			
24.4	28.7	24.8	21.9	16.5	20.8	Decreased, 2007-2017	No quadratic change	No change
	ntage of students during the 30 day		drank alcohol (at	least one drink	of alcohol, on			
44.9	45.3	43.4	33.9	33.0	30.2	Decreased, 2007-2017	No quadratic change	No change
			t the alcohol they among students					
			33.0	34.2	32.5	No linear change	Not available§	No change
QN47: Percei	ntage of students	who tried marij	uana for the first	time before age	e 13 years			
14.2	14.2	14.2	12.0	10.7	9.7	Decreased, 2007-2017	No quadratic change	No change
QN48: Percei		who currently t	ısed marijuana (d	one or more time	es during the			
23.3	26.7	26.3	27.6	24.1	18.7	Decreased, 2007-2017	No change, 2007-2013	Decreased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male Alcohol and Other Drug Use

ocaine, including 10.2 6.0 ack," "junk," or "China 3.4 2.6 so called "speed,"	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change	Decreased
10.2 6.0 ack," "junk," or "China 3.4 2.6	<u> </u>	No quadratic change	Decreased
ack," "junk," or "China 3.4 2.6	<u> </u>	No quadratic change	Decreased
3.4 2.6	Decreased 2007-2017		
	Decreased 2007-2017		
o called "speed,"	Decreased, 2007-2017	No quadratic change	No change
4.4 2.5	Decreased, 2007-2017	No quadratic change	No change
	•	2.5 Decreased, 2007-2017	2.5 Decreased, 2007-2017 No quadratic change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

e ohol a	nd Other Dru	o .	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 †
-	2007	2009	2011	2013	2015	2017	_		
	QN58: Percen property (durin	ntage of students	s who were offer s before the surv	ed, sold, or give vey)	n an illegal drug	g on school			
	38.4	38.0	38.2	34.2	30.6	29.1	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male Sexual Behaviors

	Healt	h Risk Behavio	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN59: Perce	ntage of students	who ever had se	exual intercourse	;				
47.4	52.1	49.7	48.4	41.2	35.8	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change
QN60: Perce years	ntage of students	who had sexual	intercourse for t	he first time bef	Fore age 13			
7.2	7.8	7.9	6.4	3.5	4.3	Decreased, 2007-2017	No quadratic change	No change
QN61: Perce their life	ntage of students	who had sexual	intercourse with	four or more p	ersons during			
18.1	17.4	16.6	11.6	10.8	9.3	Decreased, 2007-2017	No quadratic change	No change
	ntage of students one person, durin				intercourse			
with at least of						Decreased, 2007-2017		

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male Sexual Behavio

	Healt	h Risk Behavior	r and Percentag	res		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017	-		
	ntage of students mong students w				ual			
35.2	28.0	25.8	26.6	21.4	20.1	Decreased, 2007-2017	No quadratic change	No change
	ntage of students were currently se		dom during last	sexual intercour	se (among			
64.8	70.6	69.2	62.2	59.0	54.2	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
	ntage of students ancy, among stu				tercourse (to			
12.8	17.6	20.2	14.3	21.1	19.5	No linear change	No quadratic change	No change
0) 111 15 15 15	Percentage of st	udents who used Nexplanon) befo	re last sexual int	ercourse (to prev				
implant (such	nong students wh	o were currently	sexually active)				

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Behaviors								
	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
as OrthoEvi	G: Percentage of ra), or birth contrognancy, among stu	I ring (such as N	uvaRing) before	last sexual inter				
			3.2	1.3	0.7	Decreased, 2013-2017	Not available§	No change
or ParaGard patch (such	L: Percentage of a l) or implant (such as OrthoEvra), or (to prevent pregna	as Implanon or birth control rin	Nexplanon); or a g (such as NuvaF	shot (such as D Ring) before last	epo-Provera), sexual			
			18.6	25.6	23.3	No linear change	Not available	No change
intercourse Implanon or birth contro	C: Percentage of and birth control p r Nexplanon); or a l ring (such as Nuv ents who were cur	ills; an IUD (suc shot (such as Do vaRing) before la	ch as Mirena or I epo-Provera), par ast sexual interconctive)	ParaGard) or imp tch (such as Orth ourse (to prevent	plant (such as noEvra), or pregnancy,	N. I.	N. 111	N. I
			5.7	6.4	7.7	No linear change	Not available	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

ehaviors	Healt	th Risk Behavio	r and Percentas	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
		students who di- (among students						
15.0	11.7	11.4	15.8	14.0	13.7	No linear change	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) ⁸ 15.9 13.9 15.1 13.4 15.1 15.0 No linear change No quadratic of the control of the	
percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) [§] 15.9 13.9 15.1 13.4 15.1 15.0 No linear change No quadratic of QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts) [§] 14.6 16.8 14.6 14.1 14.5 16.7 No linear change No quadratic of QNO8: Percentage of students who described themselves as slightly or very overweight 24.0 23.7 25.3 21.9 26.1 24.3 No linear change No quadratic of Quadratic of QNOBESE.	
QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)\(^8\) 14.6 16.8 14.6 14.1 14.5 16.7 No linear change No quadratic of the QN68: Percentage of students who described themselves as slightly or very overweight 24.0 23.7 25.3 21.9 26.1 24.3 No linear change No quadratic of the QN68 index of the percentage of the percentage of themselves as slightly or very overweight	
index, based on sex- and age-specific reference data from the 2000 CDC growth charts)\(^8\) 14.6	ge No change
QN68: Percentage of students who described themselves as slightly or very overweight 24.0 23.7 25.3 21.9 26.1 24.3 No linear change No quadratic of	
24.0 23.7 25.3 21.9 26.1 24.3 No linear change No quadratic c	ge No change
QN69: Percentage of students who were trying to lose weight	ge No change
31.5 31.1 36.4 33.7 No linear change Not available	
QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Soverweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male Weight Management and Dietary Behaviors **Health Risk Behavior and Percentages** Linear Change* **Quadratic Change*** Change from 2015-2017 [†] 2007 2009 2011 2013 2015 2017 ON71: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey) 12.2 18.3 Increased, 2015-2017 Not available§ Increased ONFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 7.2 9.8 No linear change Not available No change QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 61.4 56.0 Decreased, 2015-2017 Not available Decreased QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 29.4 25.1 No linear change Not available No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

 $^{^{\}dagger}$ Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male **Weight Management and Dietary Behaviors Health Risk Behavior and Percentages** Linear Change* **Quadratic Change*** Change from 2015-2017 [†] 2007 2009 2011 2013 2015 2017 QNFR3: Percentage of students who ate fruit or drank 100% fruit juices three or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 19.3 16.2 No linear change Not available§ No change QN72: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey) 45.7 45.1 No linear change Not available No change QN73: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey) 34.5 34.0 No linear change Not available No change QN74: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey) 47.6 52.7 No linear change Not available No change

 $^{^*}B$ ased on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

[†]Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

	Healt	th Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	entage of student fore the survey)	s who did not ea	t other vegetable	es (one or more ti	imes during			
				19.6	21.2	No linear change	Not available§	No change
me / days be	fore the survey)			8.1	8.4	No linear change	Not available	No change
salad, potatoe	ercentage of studes [excluding Freuring the 7 days	nch fries, fried p	otatoes, or pota	more times per da to chips], carrots	ay (green , or other			
				57.9	55.4	No linear change	Not available	No change
QNVEG2: P	ercentage of stud	lents who ate ve	getables two or	more times per d	ay (green			
salad, potatoe vegetables, d	es lexcluding Fre			to enips], carrots	, or other			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
salad, potatoe	ercentage of studes [excluding Freuring the 7 days	nch fries, fried p	otatoes, or potat					
				13.7	11.9	No linear change	Not available§	No change
QN76: Perce	entage of students	who did not dri	ink a can, bottle,	or glass of soda	or pop (such			
as Coke, Pep	entage of students							
						Increased, 2007-2017	No quadratic change	No change
as Coke, Pep survey) 17.2 QNSODA1: more times p	si, or Sprite, not	19.4 Idents who dran	24.2 k a can, bottle, o	23.6 r glass of soda o	25.8 r pop one or	Increased, 2007-2017	No quadratic change	No change
as Coke, Pep survey) 17.2 QNSODA1: more times p	16.2 Percentage of steer day (such as C	19.4 Idents who dran	24.2 k a can, bottle, o	23.6 r glass of soda o	25.8 r pop one or	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change
as Coke, Pepsurvey) 17.2 QNSODA1: more times pthe 7 days be 34.1 QNSODA2: more times p	16.2 Percentage of steer day (such as Cfore the survey)	19.4 Idents who dran loke, Pepsi, or S 30.9	24.2 k a can, bottle, oprite, not counting 22.2 k a can, bottle, oprite, not counting	23.6 r glass of soda o g diet soda or di 22.5 r glass of soda o	r pop one or et pop, during 19.6 r pop two or			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
ONCODA2. I	Dorgantaga of str	idanta who dran	ka can bottla o	r aloss of sode o				
more times pe		idents who drandoke, Pepsi, or Sp	prite, not counting					
more times pe	r day (such as C					Decreased, 2007-2017	No quadratic change	No change
more times pe the 7 days before 12.1	or day (such as Core the survey) 13.5	loke, Pepsi, or Sp	prite, not countin	ng diet soda or d	iet pop, during 4.1	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male **Physical Activit**

	Healt	h Risk Behavioi	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
or more days	ntage of students (in any kind of p some of the time	hysical activity t	that increased the	eir heart rate and	per day on 5 I made them			
		56.2	50.4	52.7	54.1	No linear change	Not available§	No change
	them breathe hat: Percentage of s	13.2	14.9	14.5	13.9	No linear change	Not available	No change
on all 7 days ((in any kind of pl some of the time	hysical activity the	hat increased the	ir heart rate and				
		31.9	27.8	32.1	31.7	No linear change	Not available	No change
QN80: Perce	ntage of students ol day)	who watched te	elevision 3 or mo	re hours per day	(on an			
29.2	32.7	30.9	26.6	22.8	16.9	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	Decreased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male **Physical Activity Health Risk Behavior and Percentages** Linear Change* **Quadratic Change*** Change from 2015-2017 2007 2009 2011 2013 2015 2017 QN81: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day) Increased, 2007-2017 27.9 27.0 32.3 37.4 39.6 39.4 No quadratic change No change QN82: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 48.0 52.5 49.0 48.1 47.3 53.9 No linear change No quadratic change No change ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 32.2 40.8 27.7 30.6 36.3 40.7 No linear change No quadratic change No change QN83: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey) 50.0 54.8 55.7 53.7 52.4 54.7 No linear change No quadratic change No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Male Other

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	•		
		-						
QN89: Perce (during the 12	ntage of students 2 months before t	s who described the survey)	their grades in so	chool as mostly a	A's or B's			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	res		Linear Change*	Quadratic Change [*]	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
	ntage of students days before the		un on school pro	perty (on at leas	t 1 day			
3.8	2.8	3.4	2.5	1.9	2.8	Decreased, 2007-2017	No quadratic change	No change
QN91: Percer	ntage of students	who most of the	e time or always	feel safe and sec	cure at school			
72.9	77.3	73.8	74.2	76.2	74.4	No linear change	No quadratic change	No change
QN92: Percer their boyfriend	ntage of students d or girlfriend (d	who were ever uring the 12 mos	hit, slapped, or p	hysically hurt or urvey)	n purpose by			
12.1	12.3	11.1	10.6	9.3	8.8	Decreased, 2007-2017	No quadratic change	No change
wanting to die		or burning then	ning to purposely					
	15.4	14.8	17.3	12.3	15.1	No linear change	Not available§	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
	ntage of students at least 1 day du				was smoking			
	47.5	45.8	36.7	33.7	31.8	Decreased, 2009-2017	Not available§	No change
QN97: Perce home where t	ntage of students hey live as never	who described allowed inside	the rule about sn their home	noking cigarettes	inside the			
QN97: Perce home where t	ntage of students hey live as never 85.8	s who described allowed inside 84.4	the rule about sn their home 87.5	noking cigarettes	inside the 93.1	Increased, 2009-2017	Not available	No change
home where to the series of th	hey live as never	84.4 s who currently u	their home 87.5 used a waterpipe	90.9 to smoke tobacc	93.1 o (also called	Increased, 2009-2017	Not available	No change
home where t QN98: Perce	hey live as never 85.8 ntage of students	84.4 s who currently u	their home 87.5 used a waterpipe	90.9 to smoke tobacc	93.1 o (also called	Increased, 2009-2017 Decreased, 2009-2017	Not available Not available	No change Decreased
QN98: Perce a hookah, shis QN100: Perc	85.8 ntage of students	s who currently to at least 1 day 19.1	their home 87.5 used a waterpipe during the 30 day 22.9 had at least one	90.9 to smoke tobaccys before the sur 16.7 drink of alcohol	93.1 o (also called vey) 6.8	,		

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
	entage of studen days before the		ijuana on school	property (one or	more times			
7.5	7.7	6.0	7.2	8.2	6.5	No linear change	No quadratic change	No change
	entage of studen base, one or more			of cocaine (include the survey)	ling powder,			
					ding powder,	Decreased, 2007-2017	No quadratic change	No change
7.9 QN103: Percspray cans, or	5.7 entage of studen inhaled any pair	5.8 ts who currently	7.3 sniffed glue, bre	e the survey)	4.4 ats of aerosol	Decreased, 2007-2017	No quadratic change	No change
7.9 QN103: Percspray cans, or	5.7 entage of studen inhaled any pair	5.8 ts who currently	7.3 sniffed glue, bre	e the survey) 4.9 eathed the conter	4.4 ats of aerosol	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change No change
QN103: Percspray cans, or before the sur 6.2	entage of studen inhaled any pair vey) 5.4 entage of studen studen inhaled any pair vey)	ts who currently the or sprays to g	sniffed glue, breet high (one or rest to say a suite of the set high (one or rest to say a suite of the set high (one or rest to say a suite of the set high (one or rest to say a suite of the say a suite	e the survey) 4.9 eathed the conternore times durin	4.4 ats of aerosol g the 30 days 3.5 alled "speed,"	<u> </u>		

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	n Risk Behavior	and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	entage of student uring the 30 days			so called "MDM	A," one or			
	7.5	9.3	7.5	5.6	3.1	Decreased, 2009-2017	Not available§	Decreased
	entage of student during the 30 da			ounter drugs to g	et high (one			
9.7	8.3	10.1	9.8	6.2	5.9	Decreased, 2007-2017	No quadratic change	No change
	entage of student such as marijuan							
	_							
the survey) 22.2	22.6	22.7	21.5	19.3	15.4	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change
the survey) 22.2 QN108: Perc	entage of student	s who reported t	heir partners we	re three or more	years older	Decreased, 2007-2017		No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	entage of studen em about what tl							
63.1	65.0	67.4	66.7	61.7	63.8	No linear change	No quadratic change	No change
	entage of studen y from a health to	eacher, school nu	ırse, counselor, o	or some other ad	lult at school	No linear change	Not available [§]	No change
						No linear change	Not available [§]	No change
exual activity	y from a health to	13.5 ts who went with	12.3 nout eating for 2	15.0 4 hours or more	11.4 to lose weight	No linear change	Not available [§]	No change
Sexual activity QN111: Percor to keep from	y from a health to 13.4 entage of studen m gaining weigh	13.5 ts who went with t (also called fas	12.3 nout eating for 2-ting, during the	15.0 4 hours or more 30 days before to	11.4 to lose weight he survey)			
sexual activity QN111: Perc	y from a health to	13.5 ts who went with	12.3 nout eating for 2	15.0 4 hours or more	11.4 to lose weight	No linear change No linear change	Not available [§] No quadratic change	No change
QN111: Percor to keep fro 8.9 QN112: Perc	y from a health to 13.4 entage of studen m gaining weigh	ts who went with t (also called fas 8.2	12.3 nout eating for 2-ting, during the 10.3 e diet pills, power	15.0 4 hours or more 30 days before to 9.4 ders, or liquids v	to lose weight he survey) 9.5 without a			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
_00.								
QN113: Perc	entage of studen weight (during tl		or took laxatives e the survey)	to lose weight of	or to keep			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Female Injury and Violence Health Risk Behavior and Percentages Linear Change* **Quadratic Change*** Change from 2015-2017 [†] 2007 2009 2011 2013 2015 2017 ON8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else) 14.6 11.7 13.7 8.1 8.1 7.7 Decreased, 2007-2017 No quadratic change No change ON10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) 6.7 7.7 5.7 No linear change Not available§ No change QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) 11.3 9.7 7.9 9.8 10.2 9.0 No linear change No quadratic change No change QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) 4.1 3.4 3.0 3.3 2.8 2.7 No linear change No quadratic change No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

 $^{^{\}dagger}$ Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

nd Violence	Healt	h Risk Behavio	r and Percentaş	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			2013 2017
QN15: Percer on their way t	ntage of students o or from school	who did not go (on at least 1 da	to school because during the 30	se they felt unsa	fe at school or survey)			
7.8	7.5	6.6	7.8	6.8	12.2	No linear change	No change, 2007-2011 Increased, 2011-2017	Increased
QN16: Perceiproperty (such survey)	ntage of students a as a gun, knife,	who were threa or club, one or	ntened or injured more times durin	with a weapon on the second the second with a weapon of the second with the second with the second with a weapon of the second with a weapon o	on school s before the			
8.6	5.5	7.2	7.7	5.3	6.7	No linear change	No quadratic change	No change
QN17: Percei		who were in a p	physical fight (or	ne or more times	during the 12			
26.3	27.8	18.3	16.8	16.6	12.7	Decreased, 2007-2017	No quadratic change	No change
QN18: Percer times during t	ntage of students he 12 months be	who were in a property (a)	physical fight on	school property	(one or more			
7.7	7.3	6.6	6.6	4.8	4.4	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Female Injury and Violence Health Risk Behavior and Percentages Linear Change* **Quadratic Change*** Change from 2015-2017 2007 2009 2011 2013 2015 2017 QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to) 13.2 14.2 12.8 14.2 11.9 11.5 No linear change No quadratic change No change QN25: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey) 44.0 40.6 41.0 38.9 44.3 46.5 Increased, 2007-2017 No quadratic change No change QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey) 20.0 21.1 22.0 23.9 23.5 23.8 Increased, 2007-2017 No quadratic change No change QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) 13.2 14.4 17.6 19.2 21.3 18.3 Increased, 2007-2017 Increased, 2007-2013 No change

No change, 2013-2017

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Health Risk B	ehavior and Percenta	anc				
		iges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
09 201	1 2013	2015	2017			
	mpted suicide (one or	more times durir	ng the 12			
.1 11.	7 12.9	12.6	11.8	No linear change	No quadratic change	No change
1	students who attervey) 1.1 11.	students who attempted suicide (one or vey) 1.1 11.7 12.9 students who had a suicide attempt that	students who attempted suicide (one or more times during vey) 1.1 11.7 12.9 12.6 students who had a suicide attempt that resulted in an in	students who attempted suicide (one or more times during the 12 vey)	students who attempted suicide (one or more times during the 12 vey) 1.1 11.7 12.9 12.6 11.8 No linear change students who had a suicide attempt that resulted in an injury,	students who attempted suicide (one or more times during the 12 vey) 1.1 11.7 12.9 12.6 11.8 No linear change No quadratic change students who had a suicide attempt that resulted in an injury,

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Female Tobacco Use

	Healt	h Risk Behavio	r and Percentag	ees		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017	-		
QN30: Perce	ntage of students	who ever tried	cigarette smokin	g (even one or tv	wo puffs)			
53.1	50.7	45.8	39.9	36.9	27.3	Decreased, 2007-2017	No quadratic change	Decreased
QN32: Perce		who currently s	moked cigarette	s (on at least 1 d	ay during the			
21.3	17.3	14.7	11.6	10.2	6.2	Decreased, 2007-2017	No quadratic change	Decreased
	Percentage of sturing the 30 days		ntly smoked ciga y)	rettes frequently	(on 20 or			
6.1	4.6	4.2	4.2	2.2	1.0	Decreased, 2007-2017	No quadratic change	No change
	Percentage of s days before the		rently smoked ci	garettes daily (o	n all 30 days			
4.1	2.6	2.5	3.1	1.4	0.8	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Female Tobacco Use

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
e-cigarettes, e	ntage of students -cigars, e-pipes, use, MarkTen, L	vape pipes, vapi	ng pens, e-hook	ahs, and hookah	uding pens [such as			
				49.4	49.4	No linear change	Not available§	No change
e-cigarettes, e blu, NJOY, V	ntage of students -cigars, e-pipes, use, MarkTen, L	vape pipes, vapi	ng pens, e-hook	ahs, and hookah	pens [such as			
e-cigarettes, e blu, NJOY, V	-cigars, e-pipes, use, MarkTen, L	vape pipes, vapi	ng pens, e-hook	ahs, and hookah	pens [such as	Decreased, 2015-2017	Not available	Decreased
e-cigarettes, e blu, NJOY, V 30 days before QN38: Percei	-cigars, e-pipes, use, MarkTen, L	vape pipes, vapi ogic, Vapin Plu who currently s	ng pens, e-hook: s, eGo, and Halo	ahs, and hookah], on at least 1 d	pens [such as lay during the	Decreased, 2015-2017	Not available	Decreased
e-cigarettes, e blu, NJOY, V 30 days before QN38: Percei	-cigars, e-pipes, use, MarkTen, L e the survey) ntage of students	vape pipes, vapi ogic, Vapin Plu who currently s	ng pens, e-hook: s, eGo, and Halo	ahs, and hookah], on at least 1 d	pens [such as lay during the	Decreased, 2015-2017 Decreased, 2009-2017	Not available Not available	Decreased No change
e-cigarettes, e blu, NJOY, V 30 days before QN38: Percer cigars, on at le	-cigars, e-pipes, use, MarkTen, L e the survey) ntage of students east 1 day during	who currently sthe 30 days bef	ng pens, e-hooks, eGo, and Halo	ahs, and hookah], on at least 1 d 25.4 igars, cigarillos, 6.5	pens [such as lay during the 13.1 or little 3.6	<u> </u>		

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Female Alcohol and Other Drug Use

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN41: Percer than a few sip		s who had their f	irst drink of alco	hol before age 1	3 years (other			
22.4	22.0	17.4	16.5	16.2	15.0	Decreased, 2007-2017	No quadratic change	No change
at least 1 day	during the 30 da	s who currently o	vey)		,			
46.1	43.4	44.4	37.8	36.7	36.4	Decreased, 2007-2017	No quadratic change	No change
40.1						,		C
QN43: Percer	ntage of students	s who usually go			eone giving it			
QN43: Percer	ntage of students				eone giving it	No linear change	Not available [§]	Decreased
QN43: Percento them (during	ntage of students gg the 30 days be		among students 38.6	who currently d	cone giving it rank alcohol) 44.6	,		
QN43: Percer to them (durin	ntage of students gg the 30 days be	efore the survey,	among students 38.6	who currently d	cone giving it rank alcohol) 44.6	,		
QN43: Percei to them (durin QN47: Percei	ntage of students ag the 30 days be ntage of students 9.0 ntage of students	efore the survey,	among students 38.6 uana for the firs 7.6	who currently d 53.5 t time before age 8.9	cone giving it rank alcohol) 44.6 e 13 years 5.1	No linear change	Not available [§]	Decreased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Female Alcohol and Other Drug Use

	Healt	h Risk Behavior	and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
		who ever used of e or more times of			cluding			
13.7	9.8	10.0	8.3	7.5	5.0	Decreased, 2007-2017	No quadratic change	No change
	ntage of students r more times dur 2.6	who ever used hing their life) 2.8	neroin (also calle	ed "smack," "jun 2.1	k," or "China	Decreased, 2007-2017	No quadratic change	No change
7.0								
QN52: Perce		who ever used it			'speed,"			
QN52: Perce					'speed,"	Decreased, 2007-2017	No quadratic change	No change
QN52: Perce 'crystal," "cra 8.3 QN55: Perce	nk," or "ice," on 5.3	4.4 who ever took s	during tĥeir life) 3.9	2.7	1.9	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

ale hol and	l Other Drug		h Risk Behavio	r and Percentas	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
	2007	2009	2011	2013	2015	2017	-		
Ql pro	N58: Percenta operty (during	age of students the 12 month	who were offer s before the surv	red, sold, or give vey)	n an illegal drug	on school			
	35.4	30.9	30.7	28.3	28.2	28.6	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Female Sexual Behaviors

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017	-		
QN59: Perce	ntage of students	who ever had se	exual intercourse	·				
44.5	44.8	44.2	42.4	37.7	32.3	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change
QN60: Perce years	ntage of students	who had sexual	intercourse for	the first time bef	fore age 13			
4.1	2.9	3.1	4.2	2.8	1.1	Decreased, 2007-2017	No quadratic change	Decreased
QN61: Perce their life	ntage of students	who had sexual	intercourse with	n four or more po	ersons during			
12.7	10.4	11.9	10.3	10.2	6.9	Decreased, 2007-2017	No quadratic change	No change
	ntage of students one person, during				intercourse			
34.3	34.4	31.3	33.3	28.9	24.0	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Female Sexual Behaviors

	Healt	h Risk Behavioi	r and Percentag	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
		who drank alco						
20.4	15.9	18.8	15.4	25.3	16.4	No linear change	No quadratic change	No change
	ntage of students	who used a con exually active)	dom during last	sexual intercour	se (among			
46.8	49.5	48.6	48.5	51.8	51.3	No linear change	No quadratic change	No change
		who used birth dents who were			tercourse (to			
15.0	16.1	25.3	19.6	20.1	19.8	No linear change	No quadratic change	No change
	as Implanon or	udents who used Nexplanon) befo		ercourse (to pre				
	iong students wi	io were earrening		·				

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. *Not enough years of data to calculate.

Behaviors								
	Healt	h Risk Behavio	r and Percentag	ges	Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]	
2007	2009	2011	2013	2015	2017			
as OrthoEvra)	, or birth contro	l ring (such as N	ed a shot (such as uvaRing) before currently sexual	last sexual inter				
			7.4	3.5	5.4	No linear change	Not available§	No change
or ParaGard) patch (such as	or implant (such s OrthoEvra), or	as Implanon or birth control ring	ed birth control p Nexplanon); or a g (such as Nuval ents who were c	shot (such as D Ring) before last	Depo-Provera), sexual			
			28.6	28.9	29.2	No linear change	Not available	No change
intercourse an Implanon or N birth control r	nd birth control p Nexplanon); or a ing (such as Nuv	oills; an IUD (suc shot (such as De	ed both a condor ch as Mirena or I epo-Provera), pa ast sexual interco	ParaGard) or imp tch (such as Orth	plant (such as hoEvra), or			
J		, ,	8.5	7.9	14.7	No linear change	Not available	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Female Sexual B	ehaviors	Healt	h Risk Behavio	r and Percentas	ges		Linear Change [*]	Quadratic Change [*]	Change from 2015-2017 †
	2007	2009	2011	2013	2015	2017			
_					thod to prevent intly sexually act				
	21.6	18.5	17.8	19.3	15.3	20.4	No linear change	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

vianagement a	and Dietary Bel Healt		r and Percenta		Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013			2013-2017		
QNOWT: Pe percentile for CDC growth	body mass inde	ents who were o x, based on sex-	verweight (>= 8. and age-specific	5th percentile bu reference data f	t <95th rom the 2000			
12.0	14.6	12.6	12.0	14.2	16.7	No linear change	No quadratic change	No change
8.4	8.6	6.9	7.1	2000 CDC growt 7.0	7.7	No linear change	No quadratic change	No change
	_			ightly or very ov	_			
33.7	36.6	33.8	31.2	35.0	39.6	No linear change	No quadratic change	No change
QN69: Perce	ntage of student	s who were tryin	g to lose weight					
		62.1	62.3	61.1	60.6	No linear change	Not available¶	No change
		1 11 / 1		00% fruit inions	one or more			
	ntage of student he 7 days before		ink iruit juice (1)	50% Huit Juices	one of more			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Noverweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions. Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percenta	Linear Change*	Quadratic Change*	Change from 2015-2017 †		
2007	2009	2011	2013	2015	2017			
QN71: Perce before the su	entage of students	s who did not ear	t fruit (one or me	ore times during	the 7 days			
				9.4	9.9	No linear change	Not available§	No change
QNFR0: Per orange juice,	centage of studer apple juice, or gr	nts who did not e	eat fruit or drink g the 7 days befo	100% fruit juice ore the survey)	es (such as			
				6.1	6.4	No linear change	Not available	No change
QNFR1: Per	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% trape juice, durir	fruit juices one o	r more times ore the			
per day (such survey)				59.4	54.1	No linear change	Not available	No change
survey) QNFR2: Per	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% t	fruit juices two o	or more times	No linear change	Not available	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QNFR3: Pero per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f grape juice, durin	ruit juices three g the 7 days before	or more times ore the			
				17.2	12.7	No linear change	Not available§	No change
QN72: Perce days before the		s who did not ea	t green salad (on	e or more times	during the 7			
				33.0	35.3	No linear change	Not available	No change
		s who did not ea	t potatoes (one o	r more times du	ring the 7 days			
QN73: Perce before the sur	(0))			38.3	37.3	No linear change	Not available	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	Healt	h Risk Behavio	or and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	ntage of students fore the survey)	s who did not ea	t other vegetable	es (one or more t	imes during			
				17.2	16.1	No linear change	Not available§	No change
	ench fries, fried fore the survey)			(green salad, pot ts, or other veget				
						No linear change	Not available	No change
QNVEG1: Posalad, potatoe	Fore the survey) ercentage of stud	potatoes, or pota	getables one or potatoes, or pota	ts, or other veget	5.0 ay (green	No linear change	Not available	No change
QNVEG1: Posalad, potatoe	Fore the survey) ercentage of stuces [excluding Free	potatoes, or pota	getables one or potatoes, or pota	6.1	5.0 ay (green	No linear change No linear change	Not available Not available	No change
QNVEG1: Posalad, potatoe vegetables, du	ercentage of studies [excluding French 7 days]	dents who ate ve ench fries, fried p before the surve	getables one or potatoes, or potatoes, or potatoes two or potatoes, or	6.1 more times per d to chips], carrots	5.0 ay (green, or other 57.6 ay (green			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	and Dietary Beb Healt		r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
salad, potatoe	s [excluding Fre		getables three or ootatoes, or potat y)					
		·	•	15.7	12.5	No linear change	Not available§	No change
			ink a can, bottle, da or diet pop, di					
			ink a can, bottle, da or diet pop, du 31.7			Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 23.9 QNSODA1:	24.4 Percentage of str	28.7 udents who dran	31.7 k a can, bottle, o	32.2 r glass of soda o	32.2 r pop one or	Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 23.9 QNSODA1: more times pe	24.4 Percentage of str	28.7 udents who dran	da or diet pop, du	32.2 r glass of soda o	32.2 r pop one or	Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 23.9 QNSODA1: more times pe	24.4 Percentage of ster day (such as C	28.7 udents who dran	31.7 k a can, bottle, o	32.2 r glass of soda o	32.2 r pop one or	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change
as Coke, Peps survey) 23.9 QNSODA1: more times pe the 7 days bef 24.6 QNSODA2: more times pe	24.4 Percentage of ster day (such as Core the survey) 22.6 Percentage of str	28.7 udents who dran Coke, Pepsi, or S 17.6 udents who dran	31.7 k a can, bottle, o prite, not countir	32.2 r glass of soda or did 16.3 r glass of soda or did 16.3	r pop one or et pop, during 14.7 r pop two or			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
ONSODA3: I	Percentage of str	udents who dran	kacan bottle o	r glass of soda o	r non three or			
more times pe			prite, not countin					
more times pe	r day (such as C					Decreased, 2007-2017	No quadratic change	No change
more times pe the 7 days before 8.0	r day (such as Core the survey) 8.3	6.3	prite, not countin	g diet soda or d	iet pop, during 3.8	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Physical Activity Health Risk Behavior and Percentages Linear Change* **Quadratic Change*** Change from 2015-2017 2007 2009 2011 2013 2015 2017 QN79: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 38.8 33.2 40.0 38.1 No linear change Not available§ No change QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

19.4

17.1

No linear change

No linear change

Not available

Not available

No change

No change

QN80: Percentage of students who watched television 3 or more hours per day (on an average school day)

27.3 34.0 26.6 27.7 26.2 22.1 Decreased, 2007-2017 No change, 2007-2013 Decreased, 2013-2017

17.5

18.1

breathe hard some of the time during the 7 days before the survey)

QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them

19.8

15.5

17.3

19.3

Female

 $^{^*}$ Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

 $^{^{\}dagger}$ Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Female Physical Activity Health Risk Behavior and Percentages Linear Change* **Quadratic Change*** Change from 2015-2017 2007 2009 2011 2013 2015 2017 QN81: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day) Increased, 2007-2017 15.0 17.0 23.2 36.5 41.5 38.6 Increased, 2007-2013 No change No change, 2013-2017 QN82: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 33.3 33.1 34.4 31.3 34.0 38.8 No linear change No quadratic change No change ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 21.5 24.3 23.2 18.5 21.5 31.9 No linear change No quadratic change No change QN83: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey) 48.0 46.2 47.3 41.8 45.8 48.8 No linear change No quadratic change No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Female Other

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	•		
	ntage of students 2 months before t		their grades in so	chool as mostly	A's or B's			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Health	n Risk Behavior	and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	ntage of students days before the s		ın on school pro	perty (on at leas	t 1 day			
1.1	0.8	1.3	1.7	0.4	1.0	No linear change	No quadratic change	No change
QN91: Perce	ntage of students	who most of the	time or always	feel safe and sec	cure at school			
74.2	78.5	80.6	78.0	80.0	78.0	No linear change	No quadratic change	No change
	ntage of students d or girlfriend (d				n purpose by			
					10.4	Decreased, 2007-2017	No quadratic change	No change
their boyfrien 12.4 QN95: Perce wanting to die	d or girlfriend (di	uring the 12 mor 11.7 who did someth or burning them	9.3 ing to purposely	7.9 hurt themselves	10.4	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	ntage of students at least 1 day du				was smoking			
	48.3	45.6	42.1	41.0	32.5	Decreased, 2009-2017	Not available§	No change
	ntage of students hey live as never			noking cigarettes	s inside the			
				noking cigarettes 91.7	s inside the 92.6	Increased, 2009-2017	Not available	No change
home where to QN98: Perce	hey live as never	86.2 s who currently u	their home 87.3 used a waterpipe	91.7 to smoke tobacc	92.6	Increased, 2009-2017	Not available	No change
home where to QN98: Perce	hey live as never 86.9 ntage of students	86.2 s who currently u	their home 87.3 used a waterpipe	91.7 to smoke tobacc	92.6	Increased, 2009-2017 No linear change	Not available Not available	No change Decreased
QN98: Perce a hookah, shis	hey live as never 86.9 ntage of students sha, or narghile of	s who currently upon at least 1 day of 16.5	their home 87.3 used a waterpipe during the 30 day 22.3 had at least one	91.7 to smoke tobaccys before the sur 17.8 drink of alcohol	92.6 to (also called vey) 7.3	,		

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	entage of studen days before the		ijuana on school	property (one of	more times			
4.7	4.7	5.0	5.5	6.2	4.9	No linear change	No quadratic change	No change
								
	entage of studen base, one or more				ling powder,			
					ling powder,	No linear change	No quadratic change	No change
5.2 QN103: Perc pray cans, or	3.6 entage of studen inhaled any pair	3.0 ts who currently	ae 30 days before 3.9 sniffed glue, bre	3.6 eathed the conter	2.4 ats of aerosol	No linear change	No quadratic change	No change
5.2 QN103: Percepray cans, or	3.6 entage of studen inhaled any pair	3.0 ts who currently	ae 30 days before 3.9 sniffed glue, bre	3.6 eathed the conter	2.4 ats of aerosol	No linear change Decreased, 2007-2017	No quadratic change No quadratic change	No change No change
5.2 QN103: Percupray cans, or before the sur 5.3 QN104: Percupray cans.	3.6 entage of studen inhaled any pairvey)	ts who currently the or sprays to g	sniffed glue, brest high (one or r	e the survey) 3.6 eathed the conternore times durin 2.7 etamines (also contents)	2.4 ats of aerosol g the 30 days 4.1 alled "speed,"			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavior	r and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	•		
	entage of student uring the 30 days			so called "MDM	IA," one or			
	4.8	5.3	5.7	3.0	2.6	Decreased, 2009-2017	Not available§	No change
QN106: Perc or more times 8.6	entage of student during the 30 da 8.6	ts who currently ays before the sur 9.2	took over-the-corvey) 8.0	ounter drugs to g	get high (one 5.3	Decreased, 2007-2017	No quadratic change	No change
	entage of student such as marijuan							
18.5	18.3	18.4	16.9	12.8	14.7	Decreased, 2007-2017	No quadratic change	No change
10.5								
QN108: Perc	entage of student res the first time tourse)							

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
			their parents or o					
69.7	70.3	72.8	70.1	68.7	66.9	No linear change	No quadratic change	No change
	from a health to	eacher, school nu	ne most informat urse, counselor, o	or some other ad	ult at school	No linear change	Not available [§]	No change
						No linear change	Not available [§]	No change
sexual activity	from a health to	eacher, school nu	urse, counselor, o	or some other ad	lult at school 12.6	No linear change	Not available [§]	No change
sexual activity ON111: Perce	13.9 entage of studen	14.7 ts who went with	arse, counselor, o	14.3 4 hours or more	12.6 to lose weight	No linear change	Not available [§]	No change
sexual activity QN111: Perce	13.9 entage of studen	14.7 ts who went with	15.9 nout eating for 24	14.3 4 hours or more	12.6 to lose weight	No linear change No linear change	Not available [§] No quadratic change	No change
QN111: Percor to keep from 19.0 QN112: Percor	r from a health to 13.9 entage of studen m gaining weigh 17.8 entage of studen	ts who went with t (also called fas 20.6	15.9 nout eating for 2-ting, during the 3	14.3 4 hours or more 30 days before the 20.6 ders, or liquids v	to lose weight he survey) 19.0 vithout a			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	entage of studen weight (during th		or took laxatives e the survey)	to lose weight of	or to keep			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017	-		
QN8: Percen driven by son	tage of students	who rarely or ne	ver wore a seat l	belt (when riding	g in a car			
12.6	9.7	10.7	7.7	6.2	5.5	Decreased, 2007-2017	No quadratic change	No change
alcohol (one o	ntage of students or more times du r other vehicle d	ring the 30 days	before the surve	ey, among studer				
alcohol (one o	or more times du	ring the 30 days	before the surve	ey, among studer		No linear change	Not available¶	No change
alcohol (one odriven a car o	or more times du	ring the 30 days uring the 30 day s who carried a v	before the surve s before the surv 9.2 veapon (such as	ey, among studer vey) 10.5	7.1	No linear change	Not available¶	No change

3.7

No linear change

knife, or club, on at least 1 day during the 30 days before the survey)

5.4

4.6

4.6

6.6

5.4

No quadratic change

No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percenta	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
	entage of students to or from school							
6.2	5.6	3.9	7.1	4.5	7.8	No linear change	No quadratic change	No change
	ntage of students h as a gun, knife,							
property (suc						No linear change	No quadratic change	No change
property (suc survey) 9.8	h as a gun, knife, 8.3 entage of students	or club, one or 8.3	more times durin	ng the 12 months	s before the 7.3	No linear change	No quadratic change	No change
property (suc survey) 9.8 QN17: Perce	h as a gun, knife, 8.3 entage of students	or club, one or 8.3	more times durin	ng the 12 months	s before the 7.3	No linear change Decreased, 2007-2017	No quadratic change No quadratic change	No change No change
property (suc survey) 9.8 QN17: Perce months befor 24.9 QN18: Perce	8.3 entage of students e the survey)	s who were in a part of the state of the sta	9.2 physical fight (o 20.5 physical fight on	6.3 ne or more times	7.3 s during the 12 20.4			

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

White* Injury

d Violence	Health	n Risk Behavio	r and Percentag	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
QN19: Percer (when they die	ntage of students d not want to)	who were ever	physically forced	l to have sexual	intercourse			
9.4	11.1	8.9	11.1	8.0	7.1	No linear change	No quadratic change	No change
	ntage of students ey stopped doing							
29.0	30.7	31.9	37.7	31.1	35.3	No linear change	No quadratic change	No change
	ntage of students Fore the survey)	who seriously c	onsidered attemp	oting suicide (ev	er during the			
15.1	18.3	16.7	20.1	17.0	18.4	No linear change	No quadratic change	No change
	ntage of students months before the		in about how the	y would attempt	suicide			
11.1	11.5	14.6	17.0	15.1	13.8	Increased, 2007-2017	Increased, 2007-2013 No change, 2013-2017	No change

^{*}Non-Hispanic. † Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. $^{\$}$ Based on t-test analysis, p < 0.05.

* y and Violence			ID.			Li di t		CI. A
	Healt	h Kisk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
QN28: Percen		who attempted	suicide (one or i	more times durin	ng the 12			
5.3	8.7	7.2	10.7	8.1	7.7	No linear change	Increased, 2007-2013 No change, 2013-2017	No change
	overdose that ha		ide attempt that i					
1.9	3.8	2.1	3.6	2.3	3.3	No linear change	No quadratic change	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

White* Tobac

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017	•		
QN30: Perce	ntage of students	who ever tried	cigarette smokin	g (even one or tv	wo puffs)			
51.8	47.6	45.7	42.5	36.2	27.4	Decreased, 2007-2017	No quadratic change	Decreased
QN32: Perce 30 days befor	ntage of students e the survey)	who currently s	moked cigarette	s (on at least 1 d	ay during the			
23.3	18.3	19.0	15.4	10.6	7.4	Decreased, 2007-2017	No quadratic change	No change
	Percentage of sturing the 30 days			arettes frequently	(on 20 or			
	8.6	7.4	6.8	3.0	1.8	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change
8.4								
QNDAYCIG	: Percentage of s days before the s		rently smoked c	igarettes daily (o	on all 30 days		,	

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05.

White*	
Tobacco	Use

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017			
e-cigarettes, e	e-cigars, e-pipes,	vape pipes, vap	an electronic vaping pens, e-hook s, eGo, and Halo	ahs, and hookah				
				51.2	50.9	No linear change	Not available¶	No change
e-cigarettes, e blu, NJOY, V	e-cigars, e-pipes, 'use, MarkTen, I	vape pipes, vap	used an electroni ing pens, e-hook s, eGo, and Halo	c vapor product ahs, and hookah	(including pens [such as	Two inical change	rocuvandore	
e-cigarettes, e blu, NJOY, V 30 days befor	e-cigars, e-pipes, Tuse, MarkTen, L Te the survey)	vape pipes, vap Logic, Vapin Plu	ing pens, e-hook s, eGo, and Halc	c vapor product ahs, and hookah], on at least 1 d 29.8	(including pens [such as ay during the	Decreased, 2015-2017	Not available	Decreased
e-cigarettes, e blu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, Tuse, MarkTen, L Te the survey)	vape pipes, vap. Logic, Vapin Plu	ing pens, e-hook s, eGo, and Halo smoked cigars (c	c vapor product ahs, and hookah], on at least 1 d 29.8	(including pens [such as ay during the			
e-cigarettes, e blu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, Yuse, MarkTen, I te the survey)	vape pipes, vap. Logic, Vapin Plu	ing pens, e-hook s, eGo, and Halo smoked cigars (c	c vapor product ahs, and hookah], on at least 1 d 29.8	(including pens [such as ay during the			
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce cigars, on at l	e-cigars, e-pipes, Yuse, MarkTen, I te the survey) ntage of students east 1 day during 17.5	vape pipes, vapingly or vaping	ing pens, e-hook s, eGo, and Halo smoked cigars (c fore the survey)	c vapor product ahs, and hookah o], on at least 1 d 29.8 cigars, cigarillos,	(including pens [such as ay during the 21.7 or little 7.2	Decreased, 2015-2017	Not available	Decreased

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

White* **Alcohol and Other Drug Use**

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
QN41: Perce		s who had their f	irst drink of alco	hol before age 1	3 years (other			
19.3	22.0	18.2	16.8	13.4	14.6	Decreased, 2007-2017	No quadratic change	No change
	ntage of students during the 30 day		drank alcohol (at	least one drink	of alcohol, on			
44.0	45.0	44.2	35.7	41.7	35.0	Decreased, 2007-2017	No quadratic change	No change
44.0	45.0	77.2	33.7	11.7	33.0	Decreased, 2007 2017	rio quadratic change	Tio change
QN43: Perce	ntage of students	s who usually go	t the alcohol the among students	y drank by some	eone giving it	Decreased, 2007 2017	To quantum onlinge	
QN43: Perce	ntage of students	s who usually go	t the alcohol the	y drank by some	eone giving it	No linear change	Not available	No change
QN43: Perceto them (during	ntage of students ag the 30 days be	s who usually go fore the survey,	t the alcohol the	y drank by some who currently d 42.1	eone giving it lrank alcohol) 44.8			
QN43: Perceto them (during	ntage of students ag the 30 days be	s who usually go fore the survey,	t the alcohol the among students 37.4	y drank by some who currently d 42.1	eone giving it lrank alcohol) 44.8			
QN43: Percerto them (during QN47: Percerto 9.2	ntage of students ag the 30 days be ntage of students 9.9	s who usually go fore the survey, s who tried marij 7.6	t the alcohol the among students 37.4	y drank by some who currently d 42.1 t time before age 6.5	eone giving it trank alcohol) 44.8 e 13 years 3.7	No linear change	Not available [¶]	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

White* Alcohol and Other Drug Use

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017			
		s who ever used one or more times			eluding			
11.3	8.7	9.4	9.4	7.9	3.8	Decreased, 2007-2017	No quadratic change	Decreased
		s who ever used l	heroin (also calle	ed "smack," "jun	k," or "China			
White," one of 4.6 QN52: Perce	2.6	3.3 s who ever used it	3.9	2.4	1.3	Decreased, 2007-2017	No quadratic change	No change
White," one of 4.6 QN52: Perce	2.6	ring their life) 3.3	3.9	2.4	1.3	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change No change, 2007-2013 Decreased, 2013-2017	No change
White," one of 4.6 QN52: Perce "crystal," "cra 6.2 QN55: Perce	ntage of students ank," or "ice," on 5.0	s who ever used the or more times of 5.2	3.9 methamphetamin during their life) 4.5	2.4 mes (also called "	1.3 speed,"		No change, 2007-2013	

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05.

te* hol an	nd Other Drug Us		Risk Behavior	r and Percentag	es	Linear Change†	Quadratic Change [†]	Change from 2015-2017 §	
_	2007	2009	2011	2013	2015	2017	-		
	QN58: Percentage property (during the				n an illegal drug	on school			
	34.7	32.2	31.2	28.5	27.5	27.2	Decreased, 2007-2017	No quadratic change	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

White* Sexual Behavio

ehaviors	Healt	h Risk Behavio	r and Percentag	ges	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017			
QN59: Percei	ntage of students	who ever had se	exual intercourse	2				
40.4	43.6	46.3	42.1	37.7	32.8	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
QN60: Percer years	ntage of students	who had sexual	intercourse for t	the first time bef	Fore age 13			
4.9	4.2	3.5	4.3	1.7	1.9	Decreased, 2007-2017	No quadratic change	No change
QN61: Perceitheir life	ntage of students	who had sexual	intercourse with	n four or more po	ersons during			
14.3	11.4	13.6	10.6	10.0	7.8	Decreased, 2007-2017	No quadratic change	No change
	ntage of students ne person, during				intercourse			
31.1	32.1	35.5	31.6	28.2	23.8	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change

^{*}Non-Hispanic. † Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. $^{\$}$ Based on t-test analysis, p < 0.05.

White*	
Covual	Rahaviare

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017	-		
			hol or used drug ly sexually activ		ual			
31.0	26.5	24.4	22.5	26.6	19.4	No linear change	No quadratic change	No change
	ntage of students		dom during last	sexual intercour	se (among			
58.8	60.4	62.2	55.8	51.8	51.7	Decreased, 2007-2017	No quadratic change	No change
			control pills befo		tercourse (to			
19.0	24.6	35.0	23.6	31.7	27.4	No linear change	No quadratic change	No change
OMILIDIA ID			l an IUD (such a	tercourse (to pre				
mplant (such	ong students wh	o were currently	y sexually active)				

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

e* al Behaviors								
	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
as OrthoEvr	G: Percentage of a), or birth control anancy, among stu	l ring (such as N	uvaRing) before	last sexual inter				
			5.0	2.8	2.4	No linear change	Not available¶	No change
or ParaGard patch (such	L: Percentage of a or implant (such as OrthoEvra), or (to prevent pregna	as Implanon or birth control ring	Nexplanon); or a general section (Section 2) (Section	a shot (such as E Ring) before last	Depo-Provera), sexual			
			30.9	38.9	33.6	No linear change	Not available	No change
intercourse a Implanon or birth control	C: Percentage of and birth control p Nexplanon); or a ring (such as Nu- ents who were cur	oills; an IUD (suc shot (such as De vaRing) before la	ch as Mirena or I epo-Provera), par ast sexual interco ctive)	ParaGard) or impact (such as Orthourse (to prevent	plant (such as hoEvra), or pregnancy,			
			8.2	9.9	12.6	No linear change	Not available	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

* Behaviors	Heal	th Risk Behavio	or and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	ONE: Percentage of st sexual intercourse							
13.6	10.5	7.4	13.2	11.8	12.6	No linear change	No quadratic change	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05.

QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)\(^1\) 7.0 8.6 8.2 5.9 9.0 7.1 No linear change No quadratic change No change QN68: Percentage of students who described themselves as slightly or very overweight 23.9 25.6 26.6 21.5 28.2 25.8 No linear change No quadratic change No change QN69: Percentage of students who were trying to lose weight 43.2 42.5 44.6 38.6 No linear change Not available** No change QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more		Healt	th Risk Behavio	r and Percenta	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §		
percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)\(^1\) 10.0 11.2 10.7 9.1 12.0 13.6 No linear change No quadratic change No change QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)\(^1\) 7.0 8.6 8.2 5.9 9.0 7.1 No linear change No quadratic change No change QN68: Percentage of students who described themselves as slightly or very overweight 23.9 25.6 26.6 21.5 28.2 25.8 No linear change No quadratic change No change QN69: Percentage of students who were trying to lose weight 43.2 42.5 44.6 38.6 No linear change Not available** No change QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more	2007	2009	2011	2013	2015	2017			
QNOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)* 7.0 8.6 8.2 5.9 9.0 7.1 No linear change No quadratic change No change QN68: Percentage of students who described themselves as slightly or very overweight 23.9 25.6 26.6 21.5 28.2 25.8 No linear change No quadratic change No change QN69: Percentage of students who were trying to lose weight 43.2 42.5 44.6 38.6 No linear change Not available** No change QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more	percentile for	body mass inde							
index, based on sex- and age-specific reference data from the 2000 CDC growth charts) [§] 7.0 8.6 8.2 5.9 9.0 7.1 No linear change No quadratic change No change QN68: Percentage of students who described themselves as slightly or very overweight 23.9 25.6 26.6 21.5 28.2 25.8 No linear change No quadratic change No change QN69: Percentage of students who were trying to lose weight 43.2 42.5 44.6 38.6 No linear change Not available** No change QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more	10.0	11.2	10.7	9.1	12.0	13.6	No linear change	No quadratic change	No change
QN68: Percentage of students who described themselves as slightly or very overweight 23.9	QNOBESE: index, based of	Percentage of str on sex- and age-	udents who had o	obesity (>= 95th	percentile for be 2000 CDC grow	ody mass th charts)¶			
23.9 25.6 26.6 21.5 28.2 25.8 No linear change No quadratic change No change QN69: Percentage of students who were trying to lose weight 43.2 42.5 44.6 38.6 No linear change Not available** No change QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more	7.0	8.6	8.2	5.9	9.0	7.1	No linear change	No quadratic change	No change
QN69: Percentage of students who were trying to lose weight 43.2 42.5 44.6 38.6 No linear change Not available** No change QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more	QN68: Perce	ntage of student	s who described	themselves as sl	ightly or very ov	verweight	,	,	
43.2 42.5 44.6 38.6 No linear change Not available** No change QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more	23.9	25.6	26.6	21.5	28.2	25.8	No linear change	No quadratic change	No change
QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more	QN69: Perce	ntage of student	s who were tryin	g to lose weight					
			43.2	42.5	44.6	38.6	No linear change	Not available**	No change
times during the 7 days before the survey)				. 1 6 (1	000/ fmit inioss	one or more			

^{*}Non-Hispanic

[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

[§]Based on t-test analysis, p < 0.05.

Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

**Not enough years of data to calculate.

Aanagement a	•	th Risk Behavio	r and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
QN71: Perce before the sur		s who did not ea	fruit (one or me	ore times during	the 7 days			
				9.5	13.0	Increased, 2015-2017	Not available¶	No change
		nts who did not e		100% fruit juice ore the survey)	s (such as			
				5.4	8.4	Increased, 2015-2017	Not available	No change
				Fruit juices one o				
				61.1	54.9	No linear change	Not available	No change
				fruit juices two o				
/				30.3	22.8	Decreased, 2015-2017	Not available	Decreased

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Management a	-	h Risk Behavio	r and Percenta	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
				fruit juices three ng the 7 days bef				
•				17.3	12.2	Decreased, 2015-2017	Not available [¶]	Decreased
QN72: Perce days before the		s who did not ea	t green salad (or	ne or more times	during the 7			
				31.7	36.2	No linear change	Not available	No change
QN73: Perce before the sur		s who did not ea	t potatoes (one o	or more times du	ring the 7 days			
				33.5	31.2	No linear change	Not available	No change
QN74: Perce before the sur		s who did not ea	t carrots (one or	more times duri	ng the 7 days			
	<i>3</i> /			46.5	51.8	No linear change	Not available	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Management	and Dietary Bel		or and Percenta	gos.		Linear Change [†]	Ouadratic Change [†]	Change from
	Hean	iii Risk Deliavio	or and Percenta	ges		Zincur Chunge	Quaurauc Change	2015-2017 §
2007	2009	2011	2013	2015	2017			
	entage of student fore the survey)	s who did not ea	t other vegetable	es (one or more t	imes during			
				14.5	17.3	No linear change	Not available¶	No change
Leveraging L.		notatoes or note	ato chins L carrot	s or other veget	ables during			
the 7 days be	fore the survey)	potatoes, or pota	ato chips], carrot	s, or other veget 4.3	ables, during 5.9	No linear change	Not available	No change
QNVEG1: P	fore the survey) ercentage of stud	dents who ate ve	getables one or rootatoes, or pota	_	5.9 ay (green	No linear change No linear change	Not available Not available	No change No change
QNVEG1: P salad, potatoe vegetables, di	ercentage of studes [excluding Freuring the 7 days	dents who ate veench fries, fried perfore the surve	getables one or a potatoes, or pota y)	4.3 more times per d to chips], carrots 62.8	5.9 ay (green c, or other			
QNVEG1: P salad, potatoe vegetables, de QNVEG2: P salad, potatoe	ercentage of studes [excluding Freuring the 7 days]	dents who ate ve ench fries, fried p before the surve dents who ate ve ench fries, fried p	getables one or potatoes, or potaty) getables two or potatoes, or pota	4.3 more times per d to chips], carrots	5.9 ay (green , or other 61.0			

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Ü	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
salad, potatoe	ercentage of stud s [excluding Fre aring the 7 days l	nch fries, fried p	otatoes, or potat					
				14.2	12.2	No linear change	Not available¶	No change
as Coke, Peps	ntage of students si, or Sprite, not o	s who did not dri counting diet soc	nk a can, bottle, la or diet pop, du	or glass of soda uring the 7 days	or pop (such before the			
QN/6: Perce as Coke, Peps survey) 22.7	ntage of students si, or Sprite, not of 21.6	s who did not dri counting diet soc 25.4	nk a can, bottle, la or diet pop, du 27.9	or glass of soda aring the 7 days 1	or pop (such before the	Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 22.7 QNSODA1: more times pe	si, or Sprite, not o	25.4 udents who dran	27.9 k a can, bottle, o	31.0 r glass of soda o	26.4 r pop one or	Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 22.7 QNSODA1: more times pe	21.6 Percentage of steer day (such as C	25.4 udents who dran	27.9 k a can, bottle, o	31.0 r glass of soda o	26.4 r pop one or	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change No change
as Coke, Peps survey) 22.7 QNSODA1: more times pe the 7 days bef 30.6 QNSODA2: more times pe	21.6 Percentage of ster day (such as Core the survey)	25.4 25.4 adents who dran coke, Pepsi, or Sp 24.2 adents who dran dran dran dran dran dran dran dran	27.9 k a can, bottle, o prite, not counting 18.7 k a can, bottle, o	31.0 r glass of soda o ag diet soda or di 19.0 r glass of soda o	r pop one or et pop, during 19.3 r pop two or			

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

riunugement e	and Dietary Beh Healt		r and Percentag		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017			
more times pe	Percentage of street day (such as C fore the survey)							
10.7	11.5	8.2	5.9	5.1	4.3	Decreased, 2007-2017	No quadratic change	No change
ON79, Damas	ntage of students	who did not eat	breakfast (durin	g the 7 days bef	ore the			
survey)								
-			14.1	13.4	16.2	No linear change	Not available¶	No change
survey)	: Percentage of	students who ate				No linear change	Not available [¶]	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

	Heal	h Risk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
or more days	entage of student (in any kind of p some of the time	hysical activity	that increased th	eir heart rate and	per day on 5 I made them			
		49.6	41.6	47.1	49.9	No linear change	Not available¶	No change
physical activ	7: Percentage of vity on at least 1 e them breathe h	day (in any kind	of physical activ	ity that increase	d their heart			
physical activ	vity on at least 1	day (in any kind	of physical activ	ity that increase	d their heart	No linear change	Not available	No change
physical activate and mad QNPA7DAY on all 7 days	vity on at least 1	day (in any kind ard some of the t 13.2 students who we hysical activity t	of physical activime during the 7 18.3 re physically activities ac	rity that increase days before the 13.9 ive at least 60 meir heart rate and	d their heart survey) 11.7 inutes per day	No linear change	Not available	No change
physical activate and mad QNPA7DAY on all 7 days	vity on at least 1 e them breathe h	day (in any kind ard some of the t 13.2 students who we hysical activity t	of physical activime during the 7 18.3 re physically activities ac	rity that increase days before the 13.9 ive at least 60 meir heart rate and	d their heart survey) 11.7 inutes per day	No linear change No linear change	Not available Not available	No change
physical activate and mad QNPA7DAY on all 7 days breathe hard	vity on at least 1 e them breathe h 7: Percentage of (in any kind of p some of the time entage of student	day (in any kind and some of the tall 13.2 students who we hysical activity tall during the 7 day 25.7	of physical activime during the 7 18.3 re physically act hat increased the server before the survey 20.9	vity that increase days before the 13.9 vive at least 60 meir heart rate and vey) 26.0	d their heart survey) 11.7 inutes per day made them 27.0			

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

l Activity								
·	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
more hours pe other tablet, a	ntage of students er day (counting smartphone, tex	time spent on thi ting, YouTube, l	ings such as Xbo Instagram, Facel	ox, PlayStation, a	an iPad or			
101 Something	that was not sch	ooi work, on an	average school	uuy)				
22.0	22.4	25.0	36.6	37.0	37.9	Increased, 2007-2017	No quadratic change	No change
22.0 QN82: Percer		25.0 who attended p	36.6	37.0		Increased, 2007-2017	No quadratic change	No change
22.0 QN82: Percer	22.4	25.0 who attended p	36.6	37.0		Increased, 2007-2017 No linear change	No quadratic change No quadratic change	No change
QN82: Percer days (in an avo 39.5	22.4 ntage of students erage week when	who attended p they were in so 39.2	36.6 hysical educatio chool) 35.0 ded physical edu	37.0 n (PE) classes of	n 1 or more 42.5			

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

White* Other

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017	•		
QN89: Perce (during the 12	ntage of students 2 months before	who described the survey)	their grades in so	chool as mostly A	A's or B's			

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

White* Site-Added

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change [†]	Quadratic Change†	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017			
	ntage of students days before the s		un on school pro	operty (on at leas	st 1 day			
2.0	0.8	1.2	1.8	0.5	1.2	No linear change	No quadratic change	No change
QN91: Percer	ntage of students	who most of the	e time or always	feel safe and see	cure at school	,		
80.3	83.5	82.3	81.8	82.3	84.1	No linear change	No quadratic change	No change
			hit, slapped, or p		n purpose by			
11.4	12.1	11.0	9.0	7.8	10.1	No linear change	No quadratic change	No change
wanting to die		or burning then	ning to purposely					
		18.4	24.9	18.2	17.8	No linear change	Not available [¶]	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	ntage of students at least 1 day du				was smoking			
	53.7	51.3	44.8	40.7	35.4	Decreased, 2009-2017	Not available¶	No change
	ntage of students hey live as never			noking cigarettes	inside the			
				noking cigarettes 90.9	inside the 93.8	Increased, 2009-2017	Not available	No change
home where to	hey live as never	87.3 s who currently u	their home 88.4 used a waterpipe	90.9 to smoke tobacc	93.8 o (also called	Increased, 2009-2017	Not available	No change
home where to	hey live as never 86.0 ntage of students	87.3 s who currently u	their home 88.4 used a waterpipe	90.9 to smoke tobacc	93.8 o (also called	Increased, 2009-2017 Decreased, 2009-2017	Not available Not available	No change Decreased
QN98: Perce a hookah, shis	86.0 ntage of students	s who currently upon at least 1 day of 21.7	their home 88.4 used a waterpipe during the 30 day 21.8 had at least one	90.9 to smoke tobaccys before the sur 16.4 drink of alcohol	93.8 o (also called vey) 5.2	,		

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017			
	entage of studen days before the s		ijuana on school	property (one of	r more times			
4.3	5.7	4.3	5.7	4.5	5.3	No linear change	No quadratic change	No change
	entage of studen				ding powder,			
crack, or free	base, one or more	e times during th	ie 30 days before	e the survey)				
4.9	3.4	3.6	4.5	2.6	2.2	Decreased, 2007-2017	No quadratic change	No change
4.9 QN103: Perc spray cans, or	3.4 entage of studen inhaled any pair	3.6 ts who currently	4.5	2.6	nts of aerosol	Decreased, 2007-2017	No quadratic change	No change
4.9 QN103: Perc spray cans, or	3.4 entage of studen inhaled any pair	3.6 ts who currently	4.5	2.6	nts of aerosol	Decreased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change
QN103: Perc spray cans, or before the sur 4.3	3.4 ventage of studen inhaled any pair vey)	ts who currently ats or sprays to g	sniffed glue, breet high (one or range) 3.2 used methamph	2.6 eathed the contermore times durin 2.6 etamines (also care	ats of aerosol g the 30 days 2.6			

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavioi	and Percentag	es		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	entage of student uring the 30 days			so called "MDM	IA," one or			
	6.4	6.0	4.3	2.8	2.9	Decreased, 2009-2017	Not available¶	No change
	entage of student during the 30 da 10.0			ounter drugs to g	get high (one 3.7	Decreased, 2007-2017	No change, 2007-2013	No change
				,	3.7	Decreased, 2007 2017	Decreased, 2013-2017	140 change
QN107: Percillegal drugs (entage of student such as marijuan		school under the	influence of alc	ohol or other	Decreased, 2007 2017		140 Change
QN107: Perc			school under the	influence of alc	ohol or other	Decreased, 2007-2017		No change
QN107: Percillegal drugs (the survey) 17.4 QN108: Perc	18.7 entage of student es the first time t	19.8 ts who reported t	school under the e or more times of 18.9	influence of alc during the 12 mo	ohol or other onths before 13.1 years older		Decreased, 2013-2017 No change, 2007-2011	

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

who reported their parcy expect them to do or 74.3 70	ents or other adults in not to do when it com		No linear change	No quadratic change	
y expect them to do or	not to do when it com	nes to sex	No linear change	No quadratic change	
74.3 70	67.6	70.4	No linear change	No quadratic change	
				140 quadratic change	No change
who went without eating	ng for 24 hours or mo		No linear change	Not available [¶]	No change
_		13.0	No linear change	No quadratic change	No change
	who went without eating also called fasting, dur 14.3 15	who went without eating for 24 hours or mo also called fasting, during the 30 days before 14.3 15.7 11.5	who went without eating for 24 hours or more to lose weight also called fasting, during the 30 days before the survey)	who went without eating for 24 hours or more to lose weight also called fasting, during the 30 days before the survey) 14.3 15.7 11.5 13.0 No linear change	who went without eating for 24 hours or more to lose weight also called fasting, during the 30 days before the survey) 14.3 15.7 11.5 13.0 No linear change No quadratic change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

White* Site-Ac

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	entage of studen weight (during the			to lose weight of	or to keep			

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic **Injury and Violence Health Risk Behavior and Percentages** Linear Change* **Quadratic Change*** Change from 2015-2017 [†] 2007 2009 2011 2013 2015 2017 QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else) 20.2 18.0 17.6 12.3 10.0 10.2 Decreased, 2007-2017 No quadratic change No change ON10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) 10.1 8.9 7.7 No linear change Not available§ No change QN12: Percentage of students who carried a weapon (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) 20.1 17.5 16.8 16.1 15.5 12.3 Decreased, 2007-2017 No quadratic change No change

3.2

Decreased, 2007-2017

No quadratic change

No change

QN13: Percentage of students who carried a weapon on school property (such as a gun,

4.2

4.5

knife, or club, on at least 1 day during the 30 days before the survey)

5.0

5.3

9.0

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

[†]Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic **Injury and Violence Health Risk Behavior and Percentages** Linear Change* **Quadratic Change*** Change from 2015-2017 2007 2009 2011 2013 2015 2017 QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey) 9.3 8.6 8.6 8.1 7.3 12.9 No linear change No change, 2007-2013 Increased Increased, 2013-2017 ON16: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) 12.5 8.9 11.0 7.1 7.3 7.7 Decreased, 2007-2017 No quadratic change No change QN17: Percentage of students who were in a physical fight (one or more times during the 12 months before the survey) 36.1 37.6 30.9 23.8 25.2 21.5 Decreased, 2007-2017 No quadratic change No change QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey) 14.5 12.1 11.3 8.5 7.9 8.1 Decreased, 2007-2017 No quadratic change No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic Injury and Violence

	Healtl	h Risk Behavio	and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	ntage of students d not want to)	who were ever	physically forced	l to have sexual	intercourse			
10.8	11.3	9.2	10.4	10.9	8.9	No linear change	No quadratic change	No change
	ntage of students ey stopped doing 39.1					No linear change	Decreased, 2007-2013 Increased, 2013-2017	No change
				tina aniaida (ar	or during the			
QN26: Percei	ntage of students fore the survey)	who seriously o	onsidered attemp	ning suicide (ev	er during me			
QN26: Perce 12 months bet 16.9	ntage of students fore the survey) 16.3	who seriously c	onsidered attemption of the determinant of the dete	21.1	18.9	No linear change	No quadratic change	No change
12 months bet 16.9 QN27: Perce	fore the survey)	17.9 who made a pla	16.2	21.1	18.9	No linear change	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

			Linear Change*	Quadratic Change*	Change from 2015-2017 †		
2009	2011	2013	2015	2017			
of students survey)	who attempted	suicide (one or 1	more times durin	ig the 12			
10.1	11.3	10.3	10.8	13.3	No linear change	No quadratic change	No change
5	of students survey) 10.1	of students who attempted survey) 10.1 11.3	of students who attempted suicide (one or issurvey) 10.1 11.3 10.3	of students who attempted suicide (one or more times durin survey)	of students who attempted suicide (one or more times during the 12 survey) 10.1 11.3 10.3 10.8 13.3	of students who attempted suicide (one or more times during the 12 survey) 10.1 11.3 10.3 10.8 13.3 No linear change	of students who attempted suicide (one or more times during the 12 survey) 10.1 11.3 10.3 10.8 13.3 No linear change No quadratic change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic Tobacco Use

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	•		
QN30: Percei	ntage of students	who ever tried	cigarette smokin	g (even one or tv	wo puffs)			
56.9	57.7	47.8	47.2	36.8	33.0	Decreased, 2007-2017	No quadratic change	No change
QN32: Percer 30 days before		who currently s	moked cigarette	s (on at least 1 da	ay during the			
18.0	18.7	14.9	14.1	9.3	7.3	Decreased, 2007-2017	No quadratic change	No change
	Percentage of sturing the 30 days		ntly smoked ciga y)	rettes frequently	(on 20 or			
4.4	3.2	3.3	2.7	2.3	2.0	Decreased, 2007-2017	No quadratic change	No change
	Percentage of s days before the s		rently smoked ci	garettes daily (o	n all 30 days			
2.6	2.0	2.3	2.4	1.6	1.5	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic Tobacco Use

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
e-cigarettes, e	entage of students e-cigars, e-pipes, Yuse, MarkTen, L	vape pipes, vap	ing pens, e-hook	ahs, and hookah				
				55.8	53.6	No linear change	Not available§	No change
e-cigarettes, e blu, NJOY, V	entage of students e-cigars, e-pipes, Tuse, MarkTen, L	vape pipes, vap	ing pens, e-hook	c vapor product	(including pens [such as	110 mout change		
e-cigarettes, e blu, NJOY, V	e-cigars, e-pipes, 'use, MarkTen, L	vape pipes, vap	ing pens, e-hook	c vapor product	(including pens [such as	Decreased, 2015-2017	Not available	Decreased
e-cigarettes, eblu, NJOY, V30 days befor QN38: Perce	e-cigars, e-pipes, 'use, MarkTen, L	vape pipes, vap Logic, Vapin Plu	ing pens, e-hook s, eGo, and Halo smoked cigars (c	c vapor product ahs, and hookah], on at least 1 da 26.7	(including pens [such as ay during the		Not available	
e-cigarettes, eblu, NJOY, V30 days befor QN38: Perce	e-cigars, e-pipes, Yuse, MarkTen, L te the survey)	vape pipes, vap Logic, Vapin Plu	ing pens, e-hook s, eGo, and Halo smoked cigars (c	c vapor product ahs, and hookah], on at least 1 da 26.7	(including pens [such as ay during the		Not available Not available	
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce cigars, on at 1	e-cigars, e-pipes, Yuse, MarkTen, L re the survey) entage of students east 1 day during	vape pipes, vap Logic, Vapin Plus s who currently g the 30 days be 13.7	ing pens, e-hook s, eGo, and Halo smoked cigars (c fore the survey)	c vapor product ahs, and hookah], on at least 1 da 26.7 igars, cigarillos, 7.7	(including pens [such as ay during the 13.2 or little 5.3	Decreased, 2015-2017		Decreased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic **Alcohol and Other Drug Use**

	Healt	Quadratic Change*	Change from 2015-2017 †					
2007	2009	2011	2013	2015	2017			
QN41: Percer than a few sip		who had their f	irst drink of alco	hol before age 1	3 years (other			
27.4	28.9	24.3	20.9	20.0	21.4	Decreased, 2007-2017	No quadratic change	No change
QN42: Percer at least 1 day of	ntage of students during the 30 day	s who currently on ys before the sur	drank alcohol (at rvey)	least one drink	of alcohol, on			
50.5 QN43: Percei			37.0			Decreased, 2007-2017	No quadratic change	No change
50.5 QN43: Percei	ntage of students	s who usually go		y drank by some	one giving it	Decreased, 2007-2017 No linear change	No quadratic change Not available [§]	No change Decreased
50.5 QN43: Percer to them (durin	ntage of students g the 30 days be	s who usually go fore the survey,	t the alcohol they	y drank by some who currently d 49.0	one giving it rank alcohol) 35.3	,		
50.5 QN43: Percer to them (durin	ntage of students g the 30 days be	s who usually go fore the survey,	t the alcohol they among students 36.2	y drank by some who currently d 49.0	one giving it rank alcohol) 35.3	,		
QN43: Percer to them (durin QN47: Percer 14.3	ntage of students g the 30 days be ntage of students 10.7	s who usually go offere the survey, s who tried marij	t the alcohol they among students 36.2	y drank by some who currently d 49.0 time before age 12.0	one giving it rank alcohol) 35.3 2.13 years 10.5	No linear change	Not available [§]	Decreased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic Alcohol and Other Drug Use

and Other Dr	ug ese							
	Healtl	n Risk Behavior	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	entage of students k, or freebase, on			n of cocaine, inc	eluding			
17.9	14.9	12.3	11.2	10.5	8.0	Decreased, 2007-2017	No quadratic change	No change
	entage of students or more times dur		heroin (also calle	d "smack," "jun	k," or "China			
4.4	3.6	3.5	5.3	3.4	2.8	No linear change	No quadratic change	No change
	entage of students ank," or "ice," on			es (also called "	speed,"			
				es (also called "	speed," 3.7	Decreased, 2007-2017	No quadratic change	No change
"crystal," "cra 8.8 QN55: Perce	ank," or "ice," on	4.5 who ever took s	during their life) 4.6	4.6	3.7	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

panic ohol a	nd Other Dru	0	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
-	2007	2009	2011	2013	2015	2017	_		
	QN58: Percen property (durin	tage of students	s who were offer s before the surv	red, sold, or give vey)	n an illegal drug	g on school			
	40.1	36.9	37.8	32.1	30.7	30.8	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic Sexual Behaviors

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change [*]	Change from 2015-2017 [†]
2007	2009	2011	2013	2015	2017			
QN59: Perce	ntage of students	who ever had se	exual intercourse	·				
54.9	53.3	50.9	48.0	42.1	37.5	Decreased, 2007-2017	No quadratic change	No change
QN60: Percei	ntage of students	who had sexual	intercourse for	the first time bet	Fore age 13			
6.3	6.6	7.4	5.5	4.2	3.9	Decreased, 2007-2017	No quadratic change	No change
QN61: Perce	ntage of students	who had sexual	intercourse with	n four or more p	ersons during			
16.6	16.8	15.7	11.5	10.8	8.7	Decreased, 2007-2017	No quadratic change	No change
	ntage of students ne person, during				intercourse			
milit de redise o			32.9	32.4	29.0	Decreased, 2007-2017	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic **Sexual Behaviors**

				Linear Change [*]	Quadratic Change*	Change from 2015-2017 †	
2009	2011	2013	2015	2017			
				ual			
18.7	19.9	19.4	22.8	15.3	No linear change	No quadratic change	No change
		dom during last	sexual intercour	se (among			
57.8	56.9	56.8	56.6	50.0	No linear change	No quadratic change	No change
				tercourse (to			
9.6	10.8	12.4	13.0	14.4	No linear change	No quadratic change	No change
2	g students wind 18.7 e of students securrently security sec	g students who were currently 18.7 19.9 e of students who used a context currently sexually active) 57.8 56.9 e of students who used birthy, among students who were of 10.8	g students who were currently sexually active 18.7 19.9 19.4 e of students who used a condom during last currently sexually active) 57.8 56.9 56.8 e of students who used birth control pills before, among students who were currently sexually 9.6 10.8 12.4	g students who were currently sexually active) 18.7 19.9 19.4 22.8 e of students who used a condom during last sexual intercoure currently sexually active) 57.8 56.9 56.8 56.6 e of students who used birth control pills before last sexual intercoure, among students who were currently sexually active) 9.6 10.8 12.4 13.0	18.7 19.9 19.4 22.8 15.3 e of students who used a condom during last sexual intercourse (among currently sexually active) 57.8 56.9 56.8 56.6 50.0 e of students who used birth control pills before last sexual intercourse (to a mong students who were currently sexually active) 9.6 10.8 12.4 13.0 14.4	g students who were currently sexually active) 18.7 19.9 19.4 22.8 15.3 No linear change e of students who used a condom during last sexual intercourse (among currently sexually active) 57.8 56.9 56.8 56.6 50.0 No linear change e of students who used birth control pills before last sexual intercourse (to y, among students who were currently sexually active) 9.6 10.8 12.4 13.0 14.4 No linear change	g students who were currently sexually active) 18.7 19.9 19.4 22.8 15.3 No linear change No quadratic change e of students who used a condom during last sexual intercourse (among currently sexually active) 57.8 56.9 56.8 56.6 50.0 No linear change No quadratic change e of students who used birth control pills before last sexual intercourse (to y, among students who were currently sexually active)

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. *Not enough years of data to calculate.

lispanic exual Behavio	ors								
		Healt	h Risk Behavio	and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 [†]
20	07	2009	2011	2013	2015	2017			
as Ort	hoEvra), oi	birth control	students who use ring (such as Nu dents who were	ıvaRing) before	last sexual inter				
				4.5	2.0	3.3	No linear change	Not available§	No change
or Par patch	aGard) or i (such as O	mplant (such thoEvra), or	students who use as Implanon or l birth control ring ncy, among stud	Nexplanon); or a g (such as Nuval	shot (such as E Ring) before last	Depo-Provera), sexual			
				16.9	17.9	19.2	No linear change	Not available	No change
interco Impla birth o	ourse and b non or Nex control ring	irth control p planon); or a (such as Nuv	students who use ills; an IUD (suc shot (such as De vaRing) before la rently sexually ac	h as Mirena or I po-Provera), pa st sexual intercontive)	ParaGard) or impact (such as Orthourse (to prevent	plant (such as hoEvra), or t pregnancy,			
				7.0	3.8	8.1	No linear change	Not available	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic Sexual B	ehaviors									
		Healt	h Risk Behavio	r and Percenta	ges		Linear Change [*]	Quadratic Change*	Change from 2015-2017 †	
_	2007	2009	2011	2013	2015	2017				
·		-		•						

QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)

25.5 21.4 20.9 20.8 16.0 21.6 No linear change No quadratic change No change

Hispanic	
Weight Management and Dietary Behaviors	

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	rcentage of stude body mass index charts)§							
18.8	16.2	17.1	14.2	16.8	19.2	No linear change	No change, 2007-2013 Increased, 2013-2017	No change
	Percentage of stu on sex- and age-s							
16.5	15.1	14.9	14.6	11.5	15.9	No linear change	No quadratic change	Increased
QN68: Perce	ntage of students	who described	themselves as sli	ghtly or very ov	erweight			
35.2	33.5	32.9	29.9	35.1	36.8	No linear change	No change, 2007-2013 Increased, 2013-2017	No change
QN69: Perce	ntage of students	who were trying	g to lose weight					
		52.2	50.8	53.6	55.2	No linear change	Not available [¶]	No change
	ntage of students he 7 days before		nk fruit juice (10	00% fruit juices	one or more			
unics daring t				25.5	28.4	No linear change	Not available	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Noverweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions. Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	or and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	ntage of students	who did not ea	t fruit (one or me	ore times during	the 7 days			
before the sur	vey)			11.4	13.9	No linear change	Not available§	No change
				11.4	13.7	No micai change	Not available	140 change
	centage of studer apple juice, or gr				es (such as			
orange juice,				6.9	7.0	No linear change	Not available	No change
orange juice,				0.9	7.0	Tro inical change	Not available	140 change

56.1

24.8

No linear change

No linear change

Not available

Not available

No change

No change

59.8

28.7

QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the

survey)

Hispanic

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QNFR3: Pero per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% frape juice, durin	ruit juices three g the 7 days before	or more times ore the			
				18.2	15.9	No linear change	Not available§	No change
QN72: Percei		s who did not ea	t green salad (on	e or more times	during the 7			
				45.6	41.0	No linear change	Not available	No change
		s who did not ea	t potatoes (one o	r more times du	ring the 7 days			
before the sur				41.7	36.1	No linear change	Not available	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	entage of students fore the survey)	s who did not ear	t other vegetable	es (one or more t	imes during			
				21.2	20.6	No linear change	Not available§	No change
	rench fries, fried fore the survey)	potatoes, or pota	no empsj, carrot	8.3	_	NT 1'	Nat and lable	N 1
				8.3	6.8	No linear change	Not available	No change
salad, potatoe	ercentage of studes [excluding Freuring the 7 days l	nch fries, fried p	otatoes, or potat	nore times per d	ay (green	No linear change	not available	No change
salad, potatoe	es [excluding Fre	nch fries, fried p	otatoes, or potat	nore times per d	ay (green	No linear change	Not available	No change
salad, potatos vegetables, d QNVEG2: P salad, potatos	es [excluding Fre	ench fries, fried p before the survey dents who ate ver ench fries, fried p	otatoes, or potaty) getables two or potatoes, or potato	more times per d to chips], carrots 54.2	ay (green , or other 54.5 ay (green			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
salad, potatoe	ercentage of studies [excluding Freuring the 7 days]	nch fries, fried p	otatoes, or potat					
				13.4	12.8	No linear change	Not available§	No change
as Coke, Pep	entage of students si, or Sprite, not							
						Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 17.9 QNSODA1: more times p	si, or Sprite, not	23.5 udents who dran	27.3 k a can, bottle, o	23.9 r glass of soda o	28.0 r pop one or	Increased, 2007-2017	No quadratic change	No change
as Coke, Peps survey) 17.9 QNSODA1: more times p	18.5 Percentage of street day (such as C	23.5 udents who dran	27.3 k a can, bottle, o	23.9 r glass of soda o	28.0 r pop one or	Increased, 2007-2017 Decreased, 2007-2017	No quadratic change No quadratic change	No change No change
as Coke, Peps survey) 17.9 QNSODA1: more times p the 7 days be 28.0 QNSODA2: more times p	18.5 Percentage of strer day (such as C fore the survey)	23.5 Idents who dran coke, Pepsi, or S 24.0 Idents who dran	27.3 k a can, bottle, oprite, not counting 20.3 k a can, bottle, o	23.9 r glass of soda or di 21.8 r glass of soda o or di 21.8	r pop one or et pop, during 15.1 r pop two or			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. *Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	•		
more times pe			k a can, bottle, o					
		6.9	5.7	5.9	3.6	Decreased, 2007-2017	No quadratic change	No change

16.7

34.0

No linear change

Increased, 2013-2017

Not available§

Not available

No change

No change

18.2

28.1

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days

15.4

33.7

survey)

before the survey)

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic Physical Activity

	Healt	h Risk Behavio	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
or more days	(in any kind of p	s who were physical activity to during the 7 day	that increased the	eir heart rate and				
		45.0	42.6	45.0	42.3	No linear change	Not available§	No change
physical activ	ity on at least 1	students who did day (in any kind ard some of the ti 18.2	of physical activ	ity that increase	d their heart	No linear change	Not available	No change
on all 7 days (in any kind of p	students who we hysical activity to during the 7 day	hat increased the	ir heart rate and	inutes per day made them			
		24.2	23.4	24.9	21.2	No linear change	Not available	No change
QN80: Perce		s who watched te	elevision 3 or mo	re hours per day	(on an			
35.7	39.7	33.2	32.0	29.7	20.4	Decreased, 2007-2017	Decreased, 2007-2013 Decreased, 2013-2017	Decreased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic **Physical Activity Health Risk Behavior and Percentages** Linear Change* **Quadratic Change*** Change from 2015-2017 † 2007 2009 2011 2013 2015 2017 QN81: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day) 17.6 20.3 27.6 36.8 43.9 38.3 Increased, 2007-2017 Increased, 2007-2013 No change No change, 2013-2017 QN82: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 43.5 41.2 44.5 43.7 42.3 48.5 No linear change No quadratic change No change ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 27.6 30.5 30.7 23.2 23.2 37.0 Increased No linear change No quadratic change QN83: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the 12 months before the survey) 52.1 50.0 43.4 49.6 46.2 45.3 No linear change Increased, 2007-2011 No change Decreased, 2011-2017

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

Hispanic Other

	Healt	h Risk Behavio	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	•		
	ntage of students months before t		their grades in so	hool as mostly	A's or B's			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavioi	r and Percentag	Linear Change*	Quadratic Change [*]	Change from 2015-2017 †		
2007	2009	2011	2013	2015	2017			
	ntage of students days before the s	who carried a g survey)	un on school pro	operty (on at leas	st 1 day			
2.7	2.0	2.4	1.9	1.6	2.7	No linear change	No quadratic change	No change
QN91: Percei	ntage of students	who most of the	e time or always	feel safe and sec	cure at school		,	
69.3	75.3	73.5	72.0	76.7	70.6	No linear change	No quadratic change	No change
QN92: Percei	ntage of students d or girlfriend (d	who were ever uring the 12 more	hit, slapped, or p	ohysically hurt or urvey)	n purpose by			
13.3	11.6	11.0	10.4	10.5	11.0	No linear change	No quadratic change	No change
wanting to die		who did someth or burning them						
	19.3	20.0	19.2	21.8	23.6	No linear change	Not available§	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. *Based on t-test analysis, p < 0.05. *Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	Linear Change*	Quadratic Change [*]	Change from 2015-2017 †		
2007	2009	2011	2013	2015	2017			
	entage of students at least 1 day du				was smoking			
	44.7	43.1	34.8	36.8	31.0	Decreased, 2009-2017	Not available§	No change
	entage of students they live as never			oking cigarettes	inside the			
				noking cigarettes 92.2	inside the 91.5	Increased, 2009-2017	Not available	No change
home where to	they live as never	87.3 who currently u	89.0 ased a waterpipe	92.2 to smoke tobacc	91.5 o (also called	Increased, 2009-2017	Not available	No change
home where to	87.1 entage of students	87.3 who currently u	89.0 ased a waterpipe	92.2 to smoke tobacc	91.5 o (also called	Increased, 2009-2017 No linear change	Not available Not available	No change Decreased
QN98: Perce a hookah, shi	87.1 entage of students sha, or narghile o	who currently up at least 1 day of 14.7	their home 89.0 used a waterpipe during the 30 day 24.7 had at least one	92.2 to smoke tobaccys before the sur 18.1 drink of alcohol	91.5 o (also called vey) 10.1	<u> </u>		

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
	entage of studen days before the		ijuana on school	property (one of	r more times			
6.1	4.8	7.1	5.8	7.8	6.1	No linear change	No quadratic change	No change
	entage of studen				ding powder,			
ruck, or free	ouse, one or more	c times during th	c so days octore	o the survey)				
7.9	6.2	4.9	6.4	5.7	5.4	No linear change	No quadratic change	No change
7.9 QN103: Percepray cans, or	6.2 entage of student inhaled any pair	4.9	6.4 sniffed glue, bro	5.7	nts of aerosol	No linear change	No quadratic change	No change
7.9 QN103: Perc spray cans, or	6.2 entage of student inhaled any pair	4.9	6.4 sniffed glue, bro	5.7	nts of aerosol	No linear change No linear change	No quadratic change No quadratic change	No change
7.9 QN103: Perceptray cans, or pefore the sure 6.7 QN104: Perce	6.2 rentage of studen inhaled any pair vey)	ts who currently hats or sprays to g 5.7 ts who currently	sniffed glue, broset high (one or restaurant) 5.1 used methamph	5.7 eathed the contermore times durin 3.3 etamines (also contermore)	nts of aerosol g the 30 days 5.1 alled "speed,"			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	Linear Change [*]	Quadratic Change [*]	Change from 2015-2017 †		
2007	2009	2011	2013	2015	2017			
	entage of student uring the 30 days			so called "MDM	[A," one or			
	5.6	7.9	7.7	5.8	3.4	No linear change	Not available§	No change
	entage of students during the 30 da			ounter drugs to g	et high (one			
8.8	7.2	10.0	8.7	6.2	8.3	No linear change	No quadratic change	No change
	entage of student (such as marijuan							
the survey)								
	21.1	21.4	18.3	19.2	17.3	No linear change	No quadratic change	No change
the survey) 21.3 QN108: Perc	21.1 eentage of student res the first time to	21.4	18.3	re three or more	years older	No linear change	No quadratic change	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Arizona (Including Charter Schools) High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	Linear Change*	Quadratic Change*	Change from 2015-2017 [†]		
2007	2009	2011	2013	2015	2017			
	entage of studen em about what tl							
66.9	68.1	66.6	67.4	64.5	64.1	No linear change	No quadratic change	No change
	entage of studen y from a health to	eacher, school n	ırse, counselor, o	or some other ad	lult at school	No linear change	Not available [§]	No change
						No linear change	Not available [§]	No change
sexual activity	y from a health to 15.6 entage of studen	12.9 ts who went witl	12.9 nout eating for 2	or some other ad 14.1 4 hours or more	13.6 to lose weight	No linear change	Not available [§]	No change
Sexual activity QN111: Percor to keep fro	y from a health to 15.6 entage of studen m gaining weigh	12.9 ts who went with t (also called fas	12.9 nout eating for 2-ting, during the	14.1 4 hours or more 30 days before to	13.6 to lose weight he survey)			
sexual activity	y from a health to 15.6 entage of studen	12.9 ts who went witl	12.9 nout eating for 2	or some other ad 14.1 4 hours or more	13.6 to lose weight	No linear change No linear change	Not available [§] No quadratic change	No change No change
QN111: Percor to keep fro 14.1 QN112: Perc	y from a health to 15.6 entage of studen m gaining weigh	ts who went with t (also called fas	nout eating for 2-ting, during the 16.2 e diet pills, power	14.1 4 hours or more 30 days before to 17.3 ders, or liquids v	to lose weight he survey) 13.3 without a			

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. †Based on t-test analysis, p < 0.05. §Not enough years of data to calculate.

Hispanic	
Site-Adde	ď

	Health Risk Behavior and Percentages					Linear Change [*]	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
ON113: Para	entage of studen	ts who vomited	or took laxatives	to lose weight of	or to keen			
from gaining	weight (during t	he 30 days befor	e the survey)	Z				